

United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1942

(List of Pests Recorded During the Period July 1, 1941, to June 30, 1942, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the twenty-ninth year for which lists of pest interceptions have been issued. The records summarized include pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

The alleged origin of plant materials cannot be verified in all cases. Obviously doubtful items are either omitted or the origin is listed as unknown.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted at Baltimore, Boston, and New Orleans in grapefruit and orange in quarters and stores from Argentina and Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 3 times in oranges in baggage and quarters at Brownsville, Mobile, and New Orleans and 185 times in 12 different hosts in baggage, quarters, and stores from Mexico. The West Indian fruitfly (*A. mombinpraeopians*) was taken 17 times in 3 hosts in baggage, mail, quarters, and stores from 7 different countries. *A. serpentina* was intercepted 8 times in 5 hosts in baggage, quarters, and stores from Brazil, Colombia, and Mexico. *A. striata* (one adult) was taken at Hoboken with wild *Cattleya* sp. in cargo from Venezuela. *A. suspensa* was intercepted at New York in guava in baggage and mail from Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was taken 11 times in 6 different hosts in baggage and quarters from Hawaii and Portugal. The melon fly (*Dacus cucurbitae*) was intercepted at San Francisco and San Pedro in 3 hosts in stores from Hawaii. The currant fruitfly (*Epochra canadensis*) was taken twice at El Paso in wild currant in baggage from Mexico. The apple maggot (*Rhagoletis pomonella*) was taken 4 times in apples in baggage at Laredo from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted at New Orleans in papaya in stores from Honduras.

INSECTS OTHER THAN FRUITFLIES

In addition to the usual insects of major importance, such as the citrus blackfly (*Aleurocanthus woglumi*), the turnip gall weevil (*Ceutorhynchus pleurostigma*), the Asiatic rice borer (*Chilo simplex*), the rhododendron whitefly (*Dialeurodes chittendeni*), the West Indian sweetpotato weevil (*Euscepes postfasciatus*), the East

Indian bean pod borer (*Maruca testulalis*), and the pink bollworm (*Pectinophora gossypiella*), listed in the detailed table are many insects which were intercepted for the first time, or for the first time on the host indicated, or for the first time from the country indicated, or are of special interest for some other reason. References to "first record" in these notes refer to our interception records only. The insects fall in different groups, cover a wide host range, and come from many parts of the world, e. g., *Aonidiella pinicola* (Coccidae) first record and not previously in the National Museum Collection, *A. eremocitri* (Coccidae) first record, *Bruchus dentipes* (Bruchidae) first record in broadbean, *Capaneus odiosus* (Coreidae) first record from Venezuela, *Chirothrips aculeatus* (Thripidae) first record, *Dialeurodes kirkaldyi* (Aleyrodidae) first record on *Tabernaemontana* sp., *Elaphrothrips dampfi* (Phlaeothripidae) first record, *Fulvius brevicornis* (Miridae) first record, *Heilipus trifasciatus* (Curculionidae) (formerly listed as *H. perseae*) first record from Costa Rica, *Lamprosema schistisemalis* (Pyraustidae) first record, *Metamasius callizona* (Curculionidae) first record on pineapple, *Microcerotermes exiguus* (Termitidae) first record in wood and also first record from Nicaragua, the carrot rust fly (*Psila rosae*) first record from Iceland, *Urbanus proleus* (Hesperiidae) first record in string bean and also first record from Mexico, and *Urodus parvula* (Hyponomeutidae) first record.

NOTES ON PLANT DISEASES INTERCEPTED

Among the more important plant-disease interceptions were 6 of citrus canker (*Bacterium citri*), 5 of a somewhat similar bacterial canker disease of citrus in South America which is called Cancrosis-B, 2 of Dutch elm disease (*Ceratostomella* (*Graphium*) *ulmi*), 159 of banana leaf spot (*Cercospora musae*), 12 of the bulb and stem eelworm (*Ditylenchus dipsaci*), 16 of sweet orange scab (*Elsinoe australis*), 363 of lima bean scab (*Elsinoe phaseoli*), 9 of citrus black spot (*Phoma citricarpa*), and 3 of a broomcorn smut (*Sphacelotheca sorghicola*).

COMMON PESTS INTERCEPTED

Many of the pests intercepted are of species already well established here. Some of these may include potentially destructive strains not yet introduced, but it is not practicable to determine that point. Pests not yet established here but intercepted in large numbers on one or two hosts are in some cases listed here instead of in the detailed table. While many thousands of interceptions of common pests are not recorded, the data that follow are sufficient to show their general nature. The numbers following the scientific names of the pests indicate the number of countries of origin from which the pest was intercepted and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (11-32), *Ahasverus advena* (11-23), *Anthonomus eugenii* (2-4,930), *Aonidiella aurantii* (15-49), *Aphis gossypii* (6-38), *Araecerus fasciculatus* (7-21), *Aspidiotus camelliae* (4-14), *A. cyanophylli* (10-48), *A. hederae* (6-39), *A. lataniae* (17-187), *A. perniciosus* (3-17), *Brevicoryne brassicae* (12-24), *Carpocapsa pomonella* (8-200), *Cathartus quadricollis* (2-14), *Cerataphis lataniae* (14-122), *Chionaspis citri* (8-14), *Chrysomphalus aonidum* (18-69), *C. dictyospermi* (10-122), *Coccus hesperidum* (13-100), *Diaspis boisduvalii* (20-582), *D. bromeliae* (4-22), *Ephestia cautella* (6-19), *Etiella zinckenella* (2-20), *Gnorimoschema operculella* (22-283), *Heliothis armigera* (8-7,987), *H. virescens* (3-222), *Hippodamia convergens* (1-35), *Howardia biclavus* (5-16), *Ischnaspis longirostris* (6-13), *Laphygma frugiperda* (4-333), *Lasioderma serricorne* (10-45), *Lepidosaphes beckii* (34-150), *L. gloverii* (5-10), *Myzus persicae* (10-46), *Necrobia rufipes* (4-20), *Oryzaephilus surinamensis* (2-11), *Parlatoria pergandii* (8-15), *P. proteus* (10-69), *Pinnaspis minor* (7-99), *Plodia interpunctella* (4-31), *Pseudococcus adonidum* (11-23), *P. brevipes* (8-15), *P. citri* (11-26), *P. maritimus* (8-16), *Rhizoglyphus hyacinthi* (9-39), *Saissetia hemisphaerica* (16-175), *S. nigra* (4-25), *S. oleae* (11-16), *Selenaspis articulata* (16-49), *Sitophilus oryza* (7-26), *Sitotroga cerealella* (5-11), *Stegobium paniceum* (8-15), *Tenebroides mauritanicus* (2-10), *Thrips tabaci* (10-38), *Tribolium castaneum* (9-16), *Typhaca stercorea* (10-53).

In addition to the listed species of common insects, there were 5,560 interceptions belonging to 695 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects intercepted, 21,966.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (21-247), *Albugo candida* (3-36), *Alternaria brassicae* (8-12), *A. solani* (3-103), *A. tomato* (1-1,157), *Aphelenchoides parietinus* (6-10), *Aplanobacter michiganense* (1-101), *Aspergillus niger* (22-345), *Bacillus carotovorus* (12-59), *Bacterium phaseoli* (1-56), *B. vesicatorium* (7-1,588), *Botrytis cinerea* (17-39), *B. tulipae* (2-23), *Capnodium citri* (8-15), *Cephalothecium roseum* (8-45), *Ceratostomella adiposum* (1-13), *C. fimbriata* (6-15), *C. paradoxa* (16-198), *Cercospora beticola* (1-16), *C. capsici* (2-102), *C. rosicola* (3-89), *Cladosporium fulvum* (2-154), *Colletotrichum circinans* (4-359), *C. lindemuthianum* (8-67), *C. nigrum* (4-12), *C. orchidearum* (11-30), *C. phomoides* (1-26), *Corticium vagum* (16-622), *Cylindrosporium chrysanthemi* (1-22), *Diaporthe citri* (19-124), *D. phaseolorum* (3-99), *Diplocarpon rosae* (3-23), *Diplodia natalensis* (19-53), *D. tubericola* (12-24), *Elsinoe fauvecettii* (16-141), *E. phaseoli* (2-363), *Erysiphe graminis* (2-13), *E. polygoni* (1-40), *Gloeosporium limeticolum* (25-273), *G. musarum* (7-18), *Glomerella cingulata* (19-541), *Helminthosporium allii* (6-2,247), *Heterodera marioni* (13-22), *Melanconium sacchari* (3-24), *Mycosphaerella brassicicola* (7-12), *M. citrullina* (5-20), *Oospora citri-aurantii* (2-14), *O. lactis parasitica* (9-205), *O. pustulans* (2-11), *Penicillium digitatum* (9-87), *P. expansum* (2-20), *P. italicum* (11-15), *Phoma destructiva* (4-566), *Phomopsis vexans* (9-217), *Phytophthora infestans* (7-32), *P. phaseoli* (1-10), *Puccinia allii* (5-17), *P. chrysanthemi* (1-28), *P. graminis* (15-45), *P. rubigo-vera* (8-23), *Pucciniopsis caricae* (1-35), *Pythium debaryanum* (1-34), *Rhizopus nigricans* (20-663), *Sclerotinia sclerotiorum* (12-38), *Sclerotium oryzae* (8-15), *S. rolfsii* (7-20), *Septoria apii* (9-14), *Sphaceloma persea* (6-267), *Sphacelotheca sorghi* (1-10), *Sphaerotheca pannosa* (3-10), *Spondylocladium atrovirens* (10-19), *Spongospora subterranea* (4-11), *Uromyces phaseoli typica* (1-24), *Ustilago zeae* (2-26), *Venturia inaequalis* (16-61), *Verticillium cinnabarinum* (10-47).

In addition there were recorded 244 interceptions of 74 other species of common pathogens, making a total of 12,428 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Each year interceptions include some pests which appear to be new to science and hence undescribed. Others are not determinable because available descriptions are inadequate and authentic material is lacking. In many cases the intercepted material is inadequate or not in a stage to permit determination.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, intercepted at Baltimore, Brownsville, New Orleans, New York, and Philadelphia in peach, grapefruit, and orange from Argentina, Brazil, Mexico, and Trinidad; *Anastrepha* sp. at Jacksonville, Laredo, Miami, and New Orleans in cherimoya, guava, mango, orange, plum, and quince from Brazil, Colombia, Honduras, Jamaica, and Mexico; *Ceratitis* sp., likely *capitata*, at Seattle in coffee berry from Hawaii; *Ceratitis* sp. at Boston in orange from the Union of South Africa; *Dacus* sp. at Baltimore in orange from Mozambique; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *pomonella*, at Brownsville and Laredo in apple, *Crataegus* sp., mango and plum from Mexico; and *Rhagoletis* sp., probably *suaui* (Loew), at Nogales in black walnut from Mexico.

In addition to the incompletely identified fruitflies the following miscellaneous insects of special interest were intercepted: *Acrolophus* sp., near *pallidus* (Mösch.) (Acrolophidae), at Hoboken with orchids from Colombia and Costa Rica; *Agromyza* sp., near *setosa* Loew (Agromyzidae), at Nogales in purslane from Mexico; *Amblycerus* sp. (Bruchidae) at Chicago and New York in seeds of *Dipteryx* sp. and *Prosopis chilensis* from Brazil and Dominican Republic; *Amphicerus* sp., probably *hamatus* (F.) (Bostrichidae), at New York in elder from Mexico; *Chirothrips* sp., near *sulcatus* Johns. (Thripidae), at Baltimore and the Inspection House in Washington, D. C., with grass seeds from the Union of South Africa; *Asterolecanium* sp., close to *puteonum* Russell (Coccidae), at San Francisco on *Ilex* sp. (?) from Guatemala; *Ceuthorrhynchidius* sp., near *wickhami* Champ. (Curculionidae), at Laredo on an herb from Mexico; *Cnemonymx* sp. (Scolytidae) at New York under the bark of a mahogany hybrid log from Costa Rica; *Conotrachelus* sp., probably *nenuphar* (Hbst.) (Curculionidae), at Brownsville, El Paso, and Laredo in apple

and peach from Mexico; *Desiantha* sp., near *maculata* Blackburn (Curculionidae), at Seattle with dahlia tubers from Australia; *Epitrix* sp., near *hirtipennis* (Melsh.) (Chrysomelidae), at Laredo and Nogales with lettuce and tomato from Mexico; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in an avocado seed from Guatemala; *Laspeyresia* sp., probably *nigricana* (Stph.) (Olethreutidae), at New York in fresh peas from Portugal; *Lygus* sp., close to *plagiatus* Uhl. (Miridae), at Eagle Pass with lettuce from Mexico; *Magdalis* sp., probably *armigera* Geoff. (Curculionidae), at New York on elm crates from England; *Marmara* sp. (Gracilariidae) at El Paso and Nogales in avocado and pepper from Mexico; *Metamasius* sp., probably *ritchiei* (Marsh.) (Curculionidae), at Hidalgo in pineapple from Mexico; *Palmaricoccus* sp., very close to *attaleae* Stickney (Coccidae), at New York on *Attalea* sp. from Venezuela; *Pityophthorus* sp., near *confertus* Sw. (Scolytidae), at New York in wooden canes used as packing from Mexico; *Platypus* sp., near *apertus* Chapuis (Platypodidae), at New York in lignumvitae log from Guatemala.

In addition to the incompletely determined insects listed above there were 5,498 interceptions which could be identified to genus only. These were distributed among 691 different genera. A total of 208 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 5,833.

DISEASES

Among the incompletely determined diseases intercepted during the year were 5 of a serious disease similar to citrus canker and known as "Cancrosis-B", all on lemons from Argentina in stores. Nematodes intercepted included *Acrobeloides* sp. and *Aphelenchoides* sp., both new species apparently, in narcissus bulbs from Canada. Other undetermined pathogens included *Colletotrichum* spp. on *Paspalum dilatatum* seed from India and flower seed from Mexico, *Helminthosporium* sp. on tomato from Mexico, *Phytophthora* sp. on *Cattleja* sp. from Venezuela, undetermined rusts on grasses from Canada, Dutch East Indies, and Mexico and on *Heteropogon contortus* from Straits Settlements, *Sclerotinia* sp. on carrot from the Union of South Africa and tomato and husk tomato from Mexico, *Sphaeronema* sp. on *Sechium edule* from Brazil, and undetermined virus diseases on vegetables from Cuba and Mexico. A total of 6,343 incompletely determined pathogens were recorded during the year.

ENTOMOGENOUS FUNGI

Entomogenous fungi noted during the course of inspection are sometimes recorded. Records for this year include *Aschersonia* sp. on undetermined scale insect on *Syngium malaccense* leaf from Trinidad and on camellia leaf from Mexico; *Cephalosporium lecanii* Zimm. on *Coccus viridis* on Cape-jasmine from Cuba and Venezuela, on *C. acuminatus* on Cape-jasmine from Cuba, and on *Pulvinaria pyriformis* on Cape-jasmine from Venezuela; *Microcera* sp. on coccid on lime and orange leaves from Mexico; *Myriangium duriaei* on *Lepidosaphes beckii* on orange from Cuba; *Nectria diploa* Berk. & Curt. on *Lepidosaphes beckii* on oranges from Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, and Trinidad and on grapefruit from Cuba and Puerto Rico; *Periconia pycnospora* Fres. on a lepidopterous larva on an orchid leaf from Mexico; *Pestalozzia* sp. on a lepidopterous larva on an orchid leaf from Mexico; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on oranges from Puerto Rico and Caribbean region and on unknown host on Cape-jasmine from Mexico; and *Torrubiella* sp. on an insect on a gardenia leaf from Mexico.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
	Number	Number		Number	Number
Africa:			North America—Continued		
Algeria	3	0	Mexico	9,350	147
Belgian Congo	1	0	West Indies	1	0
Gold Coast	2	0	American Virgin Islands	2	1
Morocco (French)	1	0	Antigua	2	0
Rhodesia	0	2	Bahamas	8	0
Tanganyika	0	1	Barbados	2	0
Transvaal	0	1	British West Indies	1	0
Union of South Africa	14	17	Cuba	195	41
Asia:			Dominica	1	0
China	7	1	Dominican Republic	14	4
Cyprus	4	0	Dutch West Indies	10	0
French Indo-China	1	0	Guadeloupe	1	0
India	22	2	Haiti	2	34
Iran	4	1	Jamaica	7	4
Japan	16	2	Martinique	2	0
Malaya (British)	11	0	Nevis	1	0
Palestine	4	0	Puerto Rico	27	3
Straits Settlements	3	3	St. Lucia	5	0
Thailand	5	1	St. Vincent	1	0
Australasia:			Trinidad	48	1
Australia	4	14	Virgin Islands	2	0
Ceylon	0	1	South America:		
Dutch East Indies	8	0	Argentina	18	12
Hawaii	86	1	Brazil	65	17
Java	5	2	British Guiana	4	0
New Zealand	0	1	Chile	2	9
Philippines	37	2	Colombia	76	6
Sumatra	4	0	Dutch Guiana	5	0
Tahiti	1	0	Ecuador	2	1
Europe:			Peru	31	5
England	112	47	Uruguay	0	1
Hungary	0	1	Venezuela	88	4
Ireland	1	3	Total:		
Portugal	8	7	Africa	21	21
Scotland	4	0	Asia	77	10
Spain	2	3	Australasia	145	21
Union of Soviet Socialist Republics	1	0	Europe	128	61
North America:			North America	9,896	329
Bermuda	5	2	South America	291	55
Canada	12	6	Unknown	2	1
British Columbia	3	0			
Newfoundland	2	0			
Nova Scotia	6	0			
Central America:			Total	10,560	498
British Honduras	2	0			
Canal Zone	35	1	Total (common pests, p. 2)	21,966	12,428
Costa Rica	38	22	Total (incompletely determined pests, p. 3)	5,833	6,343
Guatemala	50	31	Entomogenous fungi		27
Honduras	11	28	Total insects	38,359	
Nicaragua	2	0	Total diseases		19,296
Panama	13	3	Grand total		57,655
Salvador	3	1			
Iceland	2	0			

NOTE.—In addition to the countries named above, interceptions including common pests (p. 2) and incompletely determined pests (p. 3) were made from American Samoa, Angola, Aruba, Azores, Batavia, Bolivia, Canary Islands, Canton Island, Curacao, East Africa, Fanning Island, Fiji Islands, France, Gibraltar, Greece, Grenada, Guam, Kenya, Liberia, Madeira Islands, Midway, Montserrat, Mozambique, Netherlands, New Brunswick, New Caledonia, Nigeria, Palmyra Island, Paraguay, Sierra Leone, Solomon Islands, Sweden, Switzerland, Tasmania, Turkey, Turks Island, Uganda, Wales, and West Africa.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All findings marked with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta mera</i> Drake (Tingitidae):					
<i>Saxifraga camposi</i> (campos saxifrage)...	Canada			1	Calif.*
<i>Semperivum</i> sp	do			1	Wash.
<i>Acanthoderes circumflexa</i> Duv. (Ceramby- cidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone	1			N. Y.
<i>Acanthoscelides alticola</i> (Sharp) (Bruchi- dae):					
<i>Cassia occidentalis</i> (coffee senna)	do	1			N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Ceratonia stiquia</i> (carob)	Peru	3			Ill., La.
<i>Prosopis</i> sp. (mesquite)	Dutch East Indies, Peru.	2			La.
<i>Acanthoscelides dominicanus</i> (Jekel) (Bru- chidae):					
<i>Acacia farnesiana</i> (sweet acacia)	Mexico	2			Tex.
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia, Dominican Republic, Dutch East Indies, Dutch West Indies, Jamaica, Mex- ico, Salvador, Vene- zuela.	47		4	Fla.*, La., N. J., N. Y., Tex.
<i>Caesalpinia</i> sp	Mexico	1			N. Y.
<i>Acanthoscelides flexicaulis</i> (Schffr.) (Bru- chidae):					
<i>Pithecellobium flexicaule</i> (ebony)	do	7	4	1	Tex.
<i>Acanthoscelides julianus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium</i> sp	do			1	Tex.
<i>Acanthoscelides limbatus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium dulce</i> (guamachil apes- earring).	Hawaii			1	Calif.*
<i>Acanthoscelides pruininus</i> (Horn) (Bruchi- dae):					
<i>Bougainvillea</i> sp	do	1			Calif.*
<i>Acanthoscelides sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico		1		Tex.
<i>Aceratagallia nana</i> Oman (Cicadellidae):					
<i>Chrysanthemum</i> sp	do		1		Ariz.
<i>Aceratagallia pallida</i> Oman (Cicadellidae):					
<i>Capsicum annuum</i> (pepper)	do	1			Ariz.
<i>Aceratagallia robusta</i> Oman (Cicadellidae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Acmaeodera gibbula delumbis</i> Horn (Bu- prestidae):					
<i>Prosopis</i> sp. (mesquite)	do	1			Ariz.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Acrolophus fervidus</i> Busck (Acrolophidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Acrosternum stitica</i> (Dall.) (Pentatomi- dae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)...	Mexico	1			Tex.
<i>Adranethrips tibialis</i> (Hood) (Phlaethri- pidae):					
<i>Musa paradisica sapientum</i> (banana)	Cuba	1			Fla.*
<i>Aeolus pulchellus</i> Cand. (Elatridae):					
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	St. Lucia	5			N. Y.
<i>Poinciana</i> sp	Trinidad		1		La.
<i>Agromyza virens</i> (Loew) (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	2			Tex.
<i>Agrotis refusa</i> (Wlk.) (Phalaenidae):					
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodi- dae):					
<i>Citrus</i> sp	Cuba		1		Fla.*
<i>Aleuroplatus coccolus</i> Q. & B. (Aleyrodi- dae):					
<i>Aechmea angusta</i>	Guatemala			1	Calif.*
<i>Aleuroplatus myricae</i> Q. & B. (Aleyrodi- dae):					
<i>Epigaea repens</i> (trailing arbutus)	Nova Scotia	2			Mass.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleurotrachelus camelliae</i> (Kuwana) (Aley- rodidae):	Japan			1	Wash.
<i>Camellia</i> sp.					
<i>Aleurotrachelus trachoides</i> (Back) (Aley- rodidae):					
Unidentified plant	Ecuador			1	N. J.
<i>Allocoris incognita</i> (McA. & M.) (Cyndi- dae):					
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae):	do	38			Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Amblycerus piurae</i> (Pierce) (Bruchidae):	Peru	1			La.
<i>Ceratonia siliqua</i> (carob)					
<i>Amphicerus cornutus</i> (Pallas) (Bostri- chidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Sambucus</i> sp. (elder)	do	4			N. Y.
Wood	do	2			N. Y., Pa.
<i>Amphorophora rhododendri</i> (Wils.) (Aphii- dae):					
<i>Rhododendron</i> sp.	British Columbia			1	Wash.
<i>Anacentrinus deplanatus</i> Csy. (Curculi- onidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thrip- idae):					
<i>Cattleya mendeli</i> (orchid)	Peru			1	Calif.*
<i>Miltonia pulchra</i> (orchid)	England			1	Calif.*
<i>Miltonia</i> sp.	do			1	Hawaii.*
<i>Odontoglossum</i> sp. (orchid)	do			1	Calif.*
Orchid	Colombia	1			Fla.*
<i>Anaphothrips orchidii</i> (Moult.) (Thrip- idae):					
<i>Cypripedium curtisi</i> (orchid)	Australia			1	Hawaii.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephri- tidae):					
<i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil		3		Md., Mass.
<i>Citrus sinensis</i> (orange)	Brazil		4		La., Md.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Amygdalus persica</i> (peach)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (lime)	do	9			Tex.
<i>Citrus aurantium</i> (sour orange)	do	2			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	4			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico, unknown origin.	108	9		Ala., Ariz., Calif.* Fla.* La., Md., N. Y., Pa., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	8			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do	23	4		Ariz., Tex.
<i>Persea americana</i> (avocado)	do	11			Tex.
<i>Punica granatum</i> (pomegranate)	do	3			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
Sapote	do	2			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Teph- ritidae):					
<i>Citrus paradisi</i> (grapefruit)	St. Vincent		1		Mass.
<i>Mangifera indica</i> (mango)	Cuba, Dominican Re- public, Haiti, Jamaica, Puerto Rico, un- known origin.	12	4		Ala., Fla.* La., N. Y., P. R.
<i>Psidium guajava</i> (guava)	Dominican Republic			1	P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephri- tidae):					
<i>Calocarpum sapota</i> (mamey sapote)	Mexico		1		S. C.
<i>Citrus paradisi</i> (grapefruit)	Brazil		2		La.
<i>Citrus sinensis</i> (orange)	do		1		Ala.
<i>Mammea americana</i> (mamey)	Mexico	3			Ariz., Tex.
Sapote	Colombia		1		La.
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Anastrepha suspensa</i> (Loew) (Tephriti- dae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	4			N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Andricus championi</i> Ashmead (Cynipi- dae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Andricus mexicanus</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i>	Mexico	1			Ariz.
<i>Anuraphis apifolia</i> Theob. (Aphidae):					
<i>Apium graveolens</i> (celery)	Union of South Africa		1		Md.
<i>Aonidia lauri</i> (Bouche) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Cyprus, Spain	1	2		N. Y.
<i>Aonidia pinicola</i> Leon. (Coccidae):					
<i>Pinus</i> sp. (pine)	Portugal	1			N. Y.
<i>Aonidiella eremocitri</i> McKenzie (Coccidae):					
<i>Coelogyne asperata</i> (orchid)	Thailand			1	Hawaii.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Citrus paradisi</i> (pomelo)	Philippines		1		Hawaii.*
<i>Citrus reticulata</i> (tangerine)	do			1	Hawaii.*
<i>Cycas revoluta</i> (sago cycas)	Hawaii			1	Calif.*
<i>Jasminum sambac</i> (jasmine)	do			1	Calif.*
<i>Piper betle</i> (betel pepper)	do	1			Calif.*
<i>Argyrotoza conwayana</i> (F.) (Tortrici- dae):					
<i>Fraxinus excelsior</i> (European ash)	England			1	N. J.
<i>Arvelius albopunctatus</i> (Deg.) (Pentato- midae):					
<i>Capsicum annuum</i> (pepper)	Mexico	9			Ariz., Tex.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugarapple)	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Dominican Republic	1			Md.
<i>Musa paradisiaca sapientum</i> (banana)	Cuba, Guatemala, Pan- ama	8			Fla., Wash.
Palm	Cuba	1			Fla.*
<i>Persea americana</i> (avocado)	do	1			N. Y.
<i>Roystonea regia</i> (Cuban royal palm)	do			1	Fla.*
<i>Terminalia catappa</i> (West Indian al- mond)	do	1			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Oncidium pusillum</i> (orchid)	Canal Zone			1	Hawaii.*
<i>Aspidiotus herculeanus</i> Doane & Haddon (Coccidae):					
<i>Erythrina</i> sp.	do			1	N. J.
<i>Pelliciera rhizophorae</i>	Panama	1			Fla.*
<i>Spondias mombin</i> (yellow mombin)	Dominican Republic	1			N. Y.
<i>Spondias purpurea</i> (purple mombin)	Venezuela	1			N. Y.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Ficus carica</i> (fig)	Mexico	1			Tex.
<i>Mammea americana</i> (mamey)	Cuba	1	1		Fla.*
<i>Persea americana</i> (avocado)	do	3			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Cocci- dae):					
Bamboo	Costa Rica, Cuba	1	1	1	Fla.* N. J.
<i>Bambusa vulgaris</i> (bamboo)	Guatemala			1	D. C.
<i>Asterolecanium epidendri</i> (Bouche) (Coc- cidae):					
<i>Brassia gireoudiana</i> (orchid)	Costa Rica			4	Calif.* N. J.
Bromeliaceae	do			1	Calif.*
<i>Cattleya dowiana</i> (orchid)	do			1	Calif.*
<i>Cattleya lueddemanniana</i>	Venezuela			2	Calif.* P. R.
<i>Cattleya</i> sp.	Brazil, Colombia, Costa Rica, Venezuela			10	Calif.* N. J.
<i>Epidendrum ciliare</i> (orchid)	Costa Rica			1	N. J.
<i>Gongora armeniaca</i> (orchid)	do			1	Calif.*
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	Salvador			1	Calif.*
<i>Asterolecanium miliaris</i> (Bdv.) (Cocci- dae):					
Bamboo	Cuba	1	1		Fla.*
<i>Asterolecanium miliaris longum</i> (Green) (Coccidae):					
Bamboo	Antigua	1			N. Y.
<i>Asterolecanium miliaris robustum</i> Green (Coccidae):					
Bamboo	Barbados	1			N. Y.
<i>Aylax salviae</i> (Giraud) (Cynipidae):					
<i>Salvia officinalis</i> (sage)	Cyprus	3			N. Y.

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<i>Biorhiza solita</i> Kinsey (Cynipidae): <i>Quercus macrophylla</i>	Mexico.....	1			Ariz.
<i>Bouhelia maroccana</i> Bal. (Coccidae): <i>Muscari comosum</i> (cipollino).....	Morocco (French).....	1			N. Y.
<i>Brentus anchorago</i> L. (Brentidae): Log.....	Mexico.....	3			Tex.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Brentus mexicanus</i> Boh. (Brentidae): <i>Tabebuia donnell-smithii</i>	Guatemala, Mexico.....	3			N. Y., Tex.
<i>Bruchidius dorsalis</i> (Boh.) (Bruchidae): <i>Gleditsia japonica</i> (Japanese honeylocust).....	Japan.....			2	Wash.
<i>Bruchidius versicolor</i> (Boh.) (Bruchidae): <i>Podalyria sericea</i> (satinleaf podalyria).....	Union of South Africa.....			1	Oreg.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae): <i>Vicia faba</i> (broad bean).....	Iran.....			1	D. C.
<i>Bruchus dentipes ochraceosignatus</i> Heyden (Bruchidae): <i>Vicia faba</i>	do.....			1	D. C.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea).....	India, Iran.....	4		1	D. C., N. Y.
<i>Bruchus hamatus</i> Miller (Bruchidae): <i>Vicia tenuifolia</i>	U. S. S. R.....			1	D. C.
<i>Bucculatrix thurberiella</i> Busck (Lyonetiidae): <i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.
<i>Callidium antennatum hesperum</i> Csy. (Cerambycidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): <i>Cajanus cajan</i> (pigeon pea).....	Philippines, Puerto Rico.....	1		1	Hawaii*, N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....	1	1		Ga., N. Y.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		1		Ga.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea).....	Mexico.....	2			Ariz.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		2		Ga.
<i>Phaseolus mungo radiatus</i>	China.....	1			Wash.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Ariz.
<i>Tetrapleura</i> sp.....	Algeria.....			1	D. C.
<i>Vigna sinensis</i> (cowpea).....	do.....			1	D. C.
<i>Zea mays</i> (corn).....	Mexico.....	1			Ariz.
<i>Callosobruchus subinnotatus</i> Pic. (Bruchidae): <i>Voandzeia subterranea</i> (congo goober).....	Algeria.....			1	D. C.
<i>Calydon submetallicum</i> Blanch. (Cerambycidae): Log.....	Chile.....	1			N. Y.
<i>Capaneus odiosus</i> Stal (Coreidae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	P. R.
<i>Carneocophala sagittifera</i> (Uhl.) (Cicadellidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Cassia fistula</i> (golden-shower).....	Dutch East Indies.....	2			Ga.
<i>Cassia nodosa</i> (jointwood senna).....	Hawaii.....			1	Calif.*
<i>Tamarindus indica</i> (tamarind).....	British Guiana, Nevis.....	4			Mass., Pa.
<i>Caryobruchus buscki</i> (Bridwell) (Bruchidae): <i>Scheelea zonensis</i>	Canal Zone.....			1	Calif.*
<i>Caulophilus latinasus</i> (Say) (Curculionidae): <i>Persea americana</i> (avocado).....	Mexico.....	5			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Tex.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae): <i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	3			Calif.*
<i>Coffea</i> sp.....	do.....	3			Calif.*
<i>Malus sylvestris</i> (apple).....	Portugal.....	1			N. Y.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1	1		Calif.*
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Psidium guajava</i> (guava).....	do.....	1			Calif.*
<i>Ceratocephalus cubensis</i> Bergr. (Miridae): <i>Brassica</i> sp. (mustard).....	Cuba.....	2			N. Y.

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<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.	Hawaii			1	Calif.*
<i>Litchi chinensis</i> (lychee)	China	1			Hawaii.*
<i>Ceutorhynchus pleurostigma</i> Marsh. (Cur- culionidae):					
<i>Brassica campestris</i> (rutabaga)	England		9		Ala., Md., Pa., Tex.
<i>Brassica rapa</i> (turnip)	England, Scotland		22		Md., N. Y., Pa., Va., Tex.
<i>Ceutorhynchus quadridens</i> Panz. (Cur- culionidae):					
<i>Brassica oleracea capitata</i> (cabbage) ..	England		3		Ala., Md.
<i>Chaetococcus bambusae</i> (Mask.) (Cocci- dae):					
Bamboo	Hawaii			1	Calif.*
<i>Chapuisia mexicana</i> Duges (Platypodi- dae):					
<i>Pinus</i> sp. (?)	Mexico	1			Ariz.
<i>Chilo simplex</i> (Butl.) (Crambidae):					
<i>Oryza sativa</i> (rice)	Japan	1	3		Calif.*, Hawaii.*
<i>Chionaspis diosmae</i> Brain (Coccidae):					
<i>Parosma betulina</i>	Union of South Africa ..	1			N. Y.
<i>Chionaspis yanonensis</i> (Kuw.) (Cocci- dae):					
<i>Citrus reticulata</i> (tangerine)	Japan	1			Hawaii.*
<i>Chirothrips aculeatus</i> Bagn. (Thripidae):					
<i>Zea mays</i> (corn)	Mexico	1			Calif.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Dendrobium lyonii</i> (orchid)	Philippines			1	Hawaii.*
<i>Chrysomphalus personatus</i> (Comst.) (Coc- cidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico	1			Ariz.
<i>Cocos nucifera</i> (coconut)	Trinidad	1			N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			N. Y.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Rosa</i> sp.	do.	1			Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum stamfordianum</i> (orchid) ..	Costa Rica			1	Calif.*
<i>Laelia</i> spp. (orchid)	Venezuela			1	Calif.*
<i>Oncidium sphecelatum</i> (orchid)	Guatemala			1	Calif.*
<i>Cinara tujaefilina</i> (Del Guer.) (Aphidae):					
<i>Thuja</i> sp.	Japan		1		Wash.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia, Venezuela			8	N. J.
<i>Clytus arietis</i> L. (Cerambycidae):					
<i>Castanea</i> sp. (chestnut)	England			1	N. J.
<i>Ulmus</i> sp. (elm)	do.	3			N. Y., Wash.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Astrocaryum</i> sp.	Portugal	1			N. Y.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Cuba	1			Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine) ..	Bahamas, Canal Zone, Cuba, Hawaii, Pana- ma, Puerto Rico, Ven- ezuela.	15	7		Calif.*, Fla., N. Y.
<i>Psidium guajava</i> (guava)	Cuba		1		Fla.*
<i>Rosa</i> sp.	Dominican Republic	1			Fla.*
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	3			Tex.
<i>Colpocarena complanata</i> (Burm.) (Penta- tomidae):					
<i>Bougainvillea</i> sp.	Brazil			1	Calif.*
<i>Conchaspis angraci</i> (Ckll.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Brazil			2	N. J.
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	Brazil			1	N. J.
<i>Conchylodes ovalis</i> (Gn.) (Pyraustidae):					
<i>Colocasia</i> sp. (elephantsear)	Mexico	1			Tex.
<i>Conoderus lividus</i> (Deg.) (Elateridae):					
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Conoderus laurenti</i> Guer. (Elateridae):					
<i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.

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<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	514	-----	-----	Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (acorn).....	do.....	1	-----	-----	Ariz.
Soil.....	do.....	1	-----	-----	Ariz.
<i>Conotrachelus naso</i> Lec. (Curculionidae):					
Orchid.....	Colombia.....	-----	-----	1	Calif.*
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1	-----	-----	Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
Bean.....	Mexico.....	1	-----	-----	Tex.
<i>Beta vulgaris</i> (beet).....	do.....	3	-----	-----	Ariz., Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	1	-----	-----	Ariz.
<i>Brassica</i> sp. (mustard).....	do.....	1	-----	-----	Tex.
<i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Tex.
<i>Zea mays</i> (corn).....	do.....	1	-----	-----	Ariz.
<i>Coreyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Gossypium</i> sp. (cottonseed).....	Brazil, Colombia.....	3	-----	-----	La., Wash.
<i>Oryza sativa</i> (rice).....	Dutch Guiana.....	1	-----	-----	N. Y.
<i>Theobroma cacao</i> (cacao).....	Ecuador.....	1	-----	-----	Wash.
<i>Cosmogramma angustifasciata</i> Jac. (Chrysomelidae):					
Cactus.....	Peru.....	-----	-----	1	Calif.*
<i>Cosmotyce boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.....	Hawaii.....	3	-----	-----	Calif.*
<i>Cossonus canaliculatus</i> F. (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Tex.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Mexico.....	3	-----	-----	N. Y.
<i>Cossonus impressus</i> Boh. var. (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Tex.
<i>Crociosema plebeiana</i> (Zell.) (Olethreutidae):					
<i>Crataegus</i> sp. (hawthorn).....	do.....	3	-----	-----	Tex.
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1	-----	-----	N. Y.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	-----	-----	1	N. J.
<i>Cryphula fasciatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....	-----	-----	1	N. J.
<i>Cryptomorpha desjardinsi</i> (Guer.) (Cucujidae):					
<i>Schomburgkia</i> sp. (orchid).....	Trinidad.....	-----	-----	1	N. J.
<i>Curculio g-griseae</i> Chitt. (Curculionidae):					
Soil.....	Mexico.....	1	-----	-----	Ariz.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Dominican Republic, Mexico.....	26	12	-----	Fla., La, N. Y., Pa., Tex.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	1	-----	-----	N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Argentina, China, Cuba, Dominican Republic, Mexico, Puerto Rico.....	4	8	-----	Ga., Hawaii*, La., Md., N. Y., Tex.
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	-----	-----	Tex.
<i>Cylas formicarius</i> F. var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Dominican Republic.....	1	-----	-----	N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i>	Union of South Africa.....	-----	1	-----	Mass.
<i>Cylas turcippennis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i>	Java.....	-----	1	-----	La.
<i>Cylindrocopturus biradiatus</i> Champ. (Curculionidae):					
Cactus.....	Mexico.....	1	-----	-----	Tex.
<i>Cymus rirescens</i> (F.) (Lygaeidae):					
<i>Panicum</i> sp.....	Dutch West Indies.....	1	-----	-----	N. Y.
<i>Cyrtopeltis rarians</i> (Dist.) (Miridae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	2	-----	-----	N. Y.
Miscellaneous flowers.....	Mexico.....	1	-----	-----	Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....		2		Calif.*
<i>Phaseolus vulgaris</i> (kidney bean).....	do.....		1		Calif.*
<i>Phaseolus</i> sp. (string bean).....	do.....		1		Calif.*
<i>Dalopius marginatus</i> (L.) (Elatерidae):					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Delcyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Delcyala lecontei</i> (Cr.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae):					
<i>Rhododendron</i> sp.....	England.....			2	N. J., Wash.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyro- didae):					
<i>Tabernaemontana</i> sp.....	Tahiti.....			1	Calif.*
<i>Diaspis cocois</i> Licht. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Jamaica.....	1			N. Y.
<i>Diaspis texensis</i> (Ckll.) (Coccidae):					
<i>Sophora</i> sp.....	Mexico.....	1			Tex.
<i>Dicyphus minimus</i> Uhl. (Miridae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Dinoderus bifoveolatus</i> Woll. (Bostri- chidae):					
<i>Derris scandens</i> (derris).....	Malaya (British), Straits Settlements.	5			N. Y.
<i>Serjania mexicana</i> (barbasco).....	Peru.....	12			N. Y.
<i>Dinoderus pilifrons</i> Lesne (Bostri- chidae):					
Bamboo.....	India.....	1	2		La., N. Y., Oreg.
<i>Diocalandra taitensis</i> (Guer.) (Curculi- onidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Diphaulaca cordobae</i> Barber (Chrysome- lidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Disonycha antennata</i> Jac. (Chrysome- lidae):					
<i>Ananas comosus</i>	do.....	1			Tex.
<i>Disonycha argentinensis</i> Jac. (Chrysome- lidae):					
<i>Capsicum annuum</i> (pepper).....	Argentina.....		1		Mass.
<i>Helianthus</i> sp. (sunflower).....	do.....	1			N. Y.
<i>Disonycha arizonae</i> Cas. (Chrysomelidae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	2			Tex.
<i>Disonycha politula</i> Horn (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Dorytomus brevisetosus</i> Csy. (Curculi- onidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Populus</i> sp. (cottonwood).....	do.....		1		Ariz.
<i>Draeculacephala minerva</i> Ball (Cicadel- lidae):					
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
Miscellaneous flowers.....	do.....	1			Ariz.
<i>Rorippa nasturtium aquaticum</i> (water- cress).....	do.....	1			Tex.
<i>Drasterius livens</i> (Lec.) (Elatерidae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Dros petasum</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i> (oak).....	do.....	1			Ariz.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Packing around camellia plants.....	England.....			1	N. J.
<i>Dynatopchus aureopilosus</i> Fairm. (Curcu- lionidae):					
<i>Adenantha pavonina</i> (sandal bead- tree).....	Japan.....			1	Hawaii.*
<i>Mucuna</i> sp.....	Hawaii.....	2			Calif.*
<i>Dysdercus mimulus</i> Huss. (Pyrrhoc- ridae):					
<i>Lagerstroemia</i> sp. (crapemyrtle).....	Mexico.....	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Eburia brevispinis</i> Bates (Cerambycidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Elaphidion irroratum</i> (L.) (Ceramby- cidae): <i>Terminalia</i> sp.	Cuba	1			N. Y.
<i>Elaphrothrips dampfi</i> Hood (Thripidae): <i>Ananas comosus</i> (pineapple)	Mexico	7			Tex.
<i>Empoasca abrupta</i> DeL. (Cicadellidae): <i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Empoasca batatae</i> Poos (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Empoasca phaseola</i> Oman (Cicadellidae): <i>Lycaste aromatica</i> (orchid)	do			1	Tex.
<i>Endrosis lacteella</i> (Schiff.) (Oecophoridae): <i>Narcissus</i> sp.	Ireland			1	N. J.
<i>Epicaerus cognatus</i> Sharp (Curculi- onidae): <i>Solanum tuberosum</i> (potato)	Mexico	5			Tex.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Brassica rapa</i> (turnip)	do	2			Tex.
<i>Medicago sativa</i> (alfalfa)	Argentina		1		Pa.
<i>Phaseolus</i> sp. (string bean)	Mexico	1			Ariz.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Capiscum annuum</i> (pepper)	Mexico	2			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Mexico	272	10		Ariz., Md., Tex.
<i>Epitrix subcrinita</i> (Lec.) (Chrysomelidae): <i>Rhododendron</i> sp.	Canada			3	Wash.
<i>Epochra canadensis</i> Loew (Tephritidae): <i>Ribes</i> sp. (wild currant)	Mexico	2			Tex.
<i>Ereunetis flavistriata</i> (Walsm.) (Tineidae): <i>Cocos nucifera</i> (coconut)	Hawaii		1		Calif.*
<i>Eriococcus araucariae</i> Mask. (Coccidae): <i>Araucaria excelsa</i> (Norfolk Island pine).	Guatemala			1	N. J.
<i>Erynephala puncticollis</i> (Say) (Chrysome- lidae): <i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
Flowers	do	1			Tex.
Medicinal herb	do	1			Tex.
Vegetables	do	1			Tex.
<i>Eucalandra stultosa</i> Gyll. (Curculioni- dae): Bamboo	Colombia	1			N. Y.
<i>Cattleya</i> sp. (orchid)	do			1	N. J.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae): <i>Musa paradisica</i> (plantain)	Cuba		1		La.
<i>Zea mays</i> (corn)	Cuba, Mexico	90	1		Ariz., N. Y., Tex.
<i>Eumysia maculicula</i> (Dyar) (Phyciti- dae): Roots of succulent	Mexico	2			Calif.
<i>Euphoria kerni</i> Hald. (Scarabaeidae): Daisy	do	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine)	do	1			Tex.
<i>Euryciptia vestitus</i> Dist. (Miridae): <i>Cattleya tueddemanniana</i> (orchid)	Honduras, Venezuela			2	Calif.*
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya</i> sp.	do			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
Orchid	Guatemala, Mexico	1		4	P. R., Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Euryto- midae): <i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Peru, Venezuela.			44	Calif.,* N. J.
Orchid	Brazil, Mexico			3	N. J., Tex.
<i>Euscapes postfasciatus</i> (Fairm.) (Cureu- lionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Dutch Guiana, Hawaii, Pe- ru, Puerto Rico, Trin- idad, Virgin Islands.	5	55		Ala., La., Md., Mass., N. Y., Pa., Tex., Va.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Euschistus obscurus</i> (P. B.) (Pentatomidae):					
<i>Celosia</i> sp. (cockscomb)	Mexico	1			Tex.
<i>Euzesta sororcula</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Euzesta stigmatias</i> Loew (Otitidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Zea mays</i> (corn)	do	25	1		Ariz., Tex.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Ariz.
<i>Exptochiamera tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			2	N. J.
<i>Falconia caduca</i> Dist. (Miridae):					
<i>Ricinus communis</i> (castor bean)	Mexico	1			Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Pa.
<i>Quercus</i> sp. (oak)	do	1			Pa.
<i>Symplocarpus foetidus</i> (skunkcabbage):	Canada			1	Pa.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Chrysanthemum frutescens</i> (Marguerite daisy).	Mexico	1			Tex.
<i>Gerbera</i> sp.	Canal Zone	1			N. Y.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Rosa</i> sp.	Cuba, Mexico	2	1		Fla.*
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	3			Ariz.
<i>Lathyrus odoratus</i> (sweet pea)	do	23			Ariz.
<i>Portulaca oleracea</i> (purslane)	do	2			Ariz.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Passiflora</i> sp. (passionflower)	Bermuda	2			N. Y.
<i>Rosa</i> sp.	Bahamas		1		Fla.*
<i>Fulvius bisbistillatus</i> (Stal) (Miridae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Fulvius brevicornis</i> (Reut.) (Miridae):					
<i>Aglaonema</i> sp.	China			4	N. J.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassarola</i> sp. (orchid)	Canal Zone			2	N. J.
do	do			1	Calif.*
<i>Cattleya douriana</i> (orchid)	British West Indies			1	Calif.*
<i>Cattleya superba</i>	do			1	Calif.*
<i>Cattleya trianae</i>	Canal Zone			1	Calif.*
<i>Cattleya</i> sp.	Colombia, Dutch West Indies, Panama, Trinidad, Venezuela.			11	N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Panama			2	Calif.*, N. J.
<i>Epidendrum</i> sp.	Canal Zone, Venezuela			3	Calif., N. J.
<i>Odontoglossum</i> sp. (orchid)	Canal Zone			1	Calif.*
<i>Oncidium lanceanum</i> (orchid)	Trinidad			1	Calif.*
<i>Oncidium panamense</i>	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	do			2	N. J.
<i>Orchid</i>	Canal Zone, Colombia, Panama, Trinidad, Venezuela.	1	2	5	Fla., N. J., N. Y., P. R.
<i>Galgupha punctifer</i> McA. & M. (Cydniidae):					
Orchid	Honduras, Mexico			2	La., Tex.
<i>Geocoris sonoraensis</i> Van D. (Lygaeidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curculionidae):					
<i>Mammillaria lenta</i> (cactus)	do			1	Tex.
<i>Gnathotrichus aciculatus</i> Blackm. (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Gnathotrichus denticulatus</i> Blackm. (Scolytidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper)	do	69			Ariz., Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.

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		Consumption	Non-entry	Propagation	
<i>Gnorimoschema laternella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Gonatas typicus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Gynaikothrips uzeli</i> (Zimm.) (Phlaeothripidae):					
<i>Brassica oleracea acephala</i> (kale)	Cuba	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae):					
<i>Bougainvillea</i> sp.	Hawaii	4			Calif.*
<i>Brassica oleracea acephala</i> (kale)	Cuba	1			N. Y.
<i>Daucus carota</i> (Queen-Annes-lace)	Bahamas	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Canal Zone, Hawaii	2			Calif., Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Gerbera</i> sp.	Canal Zone	2			N. Y.
<i>Hibiscus syriacus</i> (rose of sharon)	Bermuda	1			N. Y.
<i>Nerium oleander</i> (oleander)	do	1			N. Y.
<i>Haplothrips nigricornis</i> Bagn. (Thripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			N. Y.
<i>Heilipus trifasciatus</i> (F.) (Curculionidae):					
<i>Persea carota</i> (Queen-Annes-lace)	Costa Rica		1		Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	57			Ariz., Calif., Tex.
<i>Heliothis subflera</i> (Gn.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato)	do	23			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	11			N. Y.
<i>Brassica hirta</i> (white mustard)	Mexico	33			Calif.
<i>Brassica oleracea capitata</i> (cabbage)	Puerto Rico, Trinidad		3		N. Y.
<i>Brassica rapa</i> (turnip)	Cuba		1		N. Y.
<i>Brassica</i> sp. (mustard)	Cuba, Mexico	6			Calif., N. Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Beta cicla</i> (Swiss chard)	Mexico	3			Ariz.
<i>Brassica chinensis</i> (white greens)	do	2			Ariz.
<i>Brassica hirta</i> (white mustard)	do	9			Calif.
<i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Ariz.
<i>Brassica rapa</i> (turnip)	do	10			Ariz., Tex.
<i>Brassica</i> sp. (mustard)	do	7			Ariz., Tex.
<i>Raphanus sativus</i> (radish)	do	3			Tex.
<i>Hieracius guttatus</i> (Dall.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Hercinothrips femoralis</i> (Reut.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			3	Hawaii*, N. J.
<i>Heterostrychus aequalis</i> (Waterh.) (Bostriichidae):					
<i>Cocos nucifera</i> (coconut)	India	1			N. Y.
Wood	French Indo-China, India, Java	6			Calif., N. Y.
<i>Heteroderes laurenti</i> Guer. (Elateridae):					
<i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Heteroderes rufangulus</i> Gyll. (Elateridae):					
Excelsior in box of grapes	Argentina	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
<i>Alstroemeria</i> sp.	England			1	N. J.
<i>Berberis jamesonii</i>	do			1	D. C.
<i>Dahlia</i> sp.	do			1	N. C.
<i>Homalotalpia datera</i> Dyar (Phycitidae):					
<i>Carica papaya</i> (papaya)	Cuba	1			N. Y.
<i>Homona patulana</i> Wlk. (Tortricidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Homophoeta lustrans</i> (Cr.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Hypera meles</i> F. (Curculionidae):					
Hay	Newfoundland	1			N. Y.
<i>Hypera nigritrostris</i> F. (Curculionidae):					
Hay	do	1			N. Y.

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<i>Hypselonus fulvus</i> (Deg.) (Coreidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Hypselonus interruptus</i> Hahn (Coreidae):					
<i>Saponaria</i> sp.	Brazil	1			N. Y.
<i>Hypsipyla grandella</i> (Zell.) (Phycitidae):					
<i>Swietenia mahogani</i> (mahogany)	Guatemala	2			N. Y.
<i>Hyposprora nogolata</i> Ball (Membracidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Ariz.
<i>Keiferia lycopersicella</i> (Busck) (Gelechiidae):					
<i>Lycopersicon esculentum</i> (tomato)	Cuba, Mexico	7,067	1		Ariz., Calif., N. Y., Tex., Vt.
<i>Lacon leseleuci</i> Cand. (Elateridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Ariz.
<i>Laemophloeus suturalis</i> Reitt. (Cucujidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	1			Tex.
<i>Laemotmetus rhizophagoides</i> (Walk.) (Cucujidae):					
Bamboo	Dutch East Indies, Java		2		La.
<i>Lamprosema schistisemalis</i> Hamps. (Pyraustidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Laspeyresia membra</i> Hein. (Olethreutidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Calif.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Japan, Portugal	6			Hawaii, N. Y.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash)	England	11			N. Y., Pa.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae):					
<i>Manihot esculenta</i> (cassava)	British Honduras, Cuba	1		1	D. C., Fla.*
<i>Lepidosaphes auriculata</i> (Green) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	Mexico			5	N. J., Tex.
<i>Cereus victoriensis</i> (cactus)	do			1	Tex.
<i>Cereus</i> sp.	do			1	Tex.
<i>Lemaireocereus dumortieri</i> (cactus)	do			2	Tex.
<i>Lemaireocereus</i> sp.	do			1	Tex.
<i>Myrtillocactus geometrizans</i> (cactus)	do			1	Tex.
<i>Pachycereus marginatus</i> (organpipe-cactus)	do			4	Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	England			27	Calif.*, Hawaii, N. J.
<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1		1	Calif.*
<i>Leptotharsus distantis</i> Drake (Tingitidae):					
<i>Ficus carica</i> (fig.)	Guatemala	1			Tex.
<i>Leptophobia aripa</i> (Fdv.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Mexico	5			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Leptostylus argentatus</i> Duv. (Cerambycidae):					
<i>Terminalia</i> sp.	Cuba	1			N. Y.
<i>Leucaspis cockerelli</i> (deCharm.) (Coccidae):					
<i>Dendrobium thyrsiflorum</i> (orchid)	Costa Rica			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras			1	Calif.*
<i>Leucinodes elegantalis</i> Guen. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Tex.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	do	1			Tex.

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<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Brassica chinensis</i> (pakchoi).....	do.....	1			Ariz.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Centaurea cyanus</i> (bachelorbutton).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
Orchid.....	do.....			2	Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Portulaca</i> sp. (purslane).....	do.....	1			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Cereus victoriensis</i> (cactus).....	do.....			1	Tex.
<i>Citrus aurantifolia</i> (lime).....	do.....	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Cuba, Mexico.....	6			Ariz., N. Y., Tex.
<i>Lineodes triangulalis</i> Moschler (Pyraustidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1			Ariz.
<i>Lirionomyza flavicola</i> Fall. (Agromyzidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	23			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	7			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	11			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	2			N. Y.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Gladulus</i> sp.....	Canada.....			1	N. J.
<i>Juglans</i> sp. (walnut).....	Australia.....	1			Va.
<i>Lorita abornana chatka</i> Busck (Phalonidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	83			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Ariz.
<i>Lycotrylon japonum</i> Reitt. (Lycidae):					
Bamboo.....	Dutch East Indies, Java.....		3		La., Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Societia mahogany</i> (mahogany).....	Guatemala.....	1			N. Y.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Lygus oblineatus</i> (Say) var. (Miridae):					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1			Ariz.
<i>Lygus pratensis</i> (L.) var. (Miridae):					
<i>Brassica hirta</i> (white mustard).....	do.....	1			Calif.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Macrodactylus mericanus</i> Bts. (Scarabaeidae):					
<i>Capsicum annuum</i> (pepper).....	do.....	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	4			Calif.*
<i>Dioclea violacea</i> (mauna loa lei).....	do.....	2			Calif.*
<i>Phaseolus</i> sp. (string bean).....	Colombia, Dominica, Dutch Guiana, Ha- wii, Mexico, Puerto Rico, Trinidad.....	2	8		Ala., Calif.*, La., Mass., N. Y., Tex.
<i>Mecidea proliza</i> Stal (Pentatomidae):					
Grass seed.....	Union of South Africa.....			1	Md.
<i>Melanaspis aliena</i> (Newst.) (Coccidae):					
<i>Cattleya bouringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Melusina annulata</i> (Mg.) (Melusinidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Scotland.....		1		N. Y.
<i>Melusina regelationis</i> L. (Melusinidae):					
Herb.....	England.....			1	N. J.
<i>Metamasius callizona</i> (Chev.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Metamasius sericeus</i> (Latr.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Metritrona profligata</i> (Boh.) (Chrysomelidae):					
Mixed flowers.....	Mexico.....	1			Ariz.

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<i>Micrapate scapularis</i> (Gorh.) (Bostrichidae):					
<i>Sambucus</i> sp. (elder).....	Mexico.....	7			N. Y.
Wood.....	do.....	5			Ariz., Ill., N. Y.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Microcerotermes exiguus</i> Hagn. (Termitidae):					
Wood.....	Nicaragua.....			1	N. J.
<i>Monanthia monotropidia</i> Stal (Tingitidae):					
<i>Tillandsia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Moneilema opuntiae</i> Fisher (Cerambycidae):					
<i>Mammillaria celsiana</i> (cactus).....	do.....			1	Tex.
<i>Mammillaria sempervivi</i> (cactus).....	do.....			1	Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	do.....	47	2		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Venezuela.			15	N. J.
Orchid.....	Brazil.....			1	N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Dendrobium spectabile</i> (orchid).....	Australia.....			1	Calif.*
<i>Grammatophyllum speciosum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Cerantonis siliqua</i> (St. Johnsbread).....	Costa Rica.....			1	Calif.*
<i>Myelois venipars</i> Dyar (Phycitidae):					
<i>Pithecellobium flexicaule</i> (ebony).....	Mexico.....	3			Tex.
<i>Myodocha intermedia</i> Dist. (Lygaeidae):					
<i>Cattleya skinnerii</i> (orchid).....	do.....			1	Tex.
<i>Myodocha unispinosa</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Myzus ornatus</i> Laing (Aphidae):					
<i>Erica</i> sp.....	Canada.....			1	Wash.
<i>Patrinia palmata</i>	British Columbia.....			1	N. J.
<i>Primula</i> sp. (primrose).....	Canada.....			1	Wash.
<i>Tulipa</i> sp. (tulip).....	England.....			1	N. Y.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Cicer arietinum</i> (garbanzo).....	do.....	1			Ariz.
<i>Daphne laureola</i> (spurge laurel).....	Canada.....			1	Wash.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Nabis annulatus</i> Reut. (Nabidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Nabis punctipennis</i> Blanch. (Nabidae):					
Packing.....	Chile.....	1			N. Y.
<i>Nasutitermes cornigera</i> Motsch. (Termitidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia, Costa Rica.....			2	Calif.*, N. J.
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Guaiacum officinale</i> (lignum vitae).....	Nicaragua.....	1			Calif.*
<i>Nemopogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	Canada.....	1			Wash.
<i>Nemocephalus guatemalensis</i> Senna (Brentidae):					
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Panama.....	2			N. Y., Tex.
<i>Neoclytus cacticus</i> Chevr. (Cerambycidae):					
<i>Guaiacum officinale</i> (lignum vitae).....	Honduras, Panama.....	5			N. Y.
<i>Neoclytus rufus</i> Oliv. (Cerambycidae):					
Wood.....	Trinidad.....		1		N. Y.
<i>Neuroctenus litigiosus</i> (Stal) (Aradidae):					
Orchid.....	Guatemala.....			1	Tex.
<i>Niveaspis fenestrata</i> Ferris (Coccidae):					
<i>Marsdenia condurango</i> (condorvine).....	Peru.....	1			N. Y.
<i>Nysius scutellatus</i> Dall. (Lygaeidae):					
<i>Myristica fragrans</i> (nutmeg).....	Guadeloupe.....			1	P. R.
<i>Odonaspis greeni</i> (Ckll.) (Coccidae):					
Bamboo.....	Hawaii.....			1	Calif.*

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<i>Odonaspis saccharicaulis</i> (Zehnt.) (Cocci- dae):	Guatemala	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane) . . .					
<i>Ogdocosta biannularis</i> (Boh.) (Chrysome- lidae):	Mexico			1	Tex.
Orchid.					
<i>Opatrinus gemellus</i> (Oliv.) (Tenebrioni- dae):	Venezuela			2	N. J.
<i>Cattleya</i> sp. (orchid)					
<i>Opsius stactogalus</i> Fieb. (Cicadellidae):	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine)					
<i>Ora sezlineata</i> Chev. (Cyphonidae):	Cuba	1			N. Y.
<i>Brassica chinensis</i> (white greens)					
<i>Orchidophilus aterrimus</i> Waterh. (Curcu- lionidae):	Thailand			1	Hawaii.*
Orchid.					
<i>Orchidophilus peregrinator</i> Buch. (Cur- cullionidae):	Philippines			2	Calif., Hawaii.*
<i>Phalaenopsis amabilis</i> (orchid)	do.			1	Calif.*
<i>Vanda caerulea</i> (orchid)					
<i>Pachnaeus litus</i> Germ. (Curculionidae):	Cuba	1			N. Y.
<i>Brassica chinensis</i> (white greens)					
<i>Pachycoris torridus</i> (Scop.) var. (Penta- tomidae):	Mexico			1	Tex.
Orchid.					
<i>Pachyzancla periusalis</i> (Wlk.) (Pyrausti- dae):	Cuba	4			La., N. Y.
<i>Solanum melongena</i> (eggplant)					
<i>Pagiocerus rimosus</i> Eichh. (Scolytidae):	Colombia	1			N. Y.
<i>Mimulus moschatus</i>	Peru	1		1	N. J., N. Y.
<i>Zea mays</i> (corn)					
<i>Palaeopus costicollis</i> Marsh. (Curculioni- dae):	Honduras	1			N. Y.
<i>Dioscorea</i> sp. (yam)	Trinidad		6		Aia., Mass., Pa.
<i>Pantomorus xanthographus</i> Germar (Cur- culionidae):	Argentina	1			La.
<i>Vitis</i> sp. (grape)					
<i>Parlatoria blanchardi</i> Targ. (Coccidae):	Iran			1	N. Y.
<i>Phoenix dactylifera</i> (date)					
<i>Parlatoria cinerea</i> Hadden (Coccidae):	Palestine	4			Calif.*
<i>Citrus medica</i> (citron)	Trinidad		2		Fla.*
<i>Citrus paradisi</i> (grapefruit)	Argentina, Bahamas, Brazil.	1	5		Fla., Mass.
<i>Citrus sinensis</i> (orange)					
<i>Parlatoria crotonis</i> Doug. (Coccidae):	Hawaii			3	Calif.*
<i>Codiaeum</i> sp. (croton)					
<i>Parlatoria oleae</i> (Colvee) (Coccidae):	Argentina	7			N. Y.
<i>Prunus domestica</i> (plum)	do.	1			N. Y.
<i>Pyrus communis</i> (pear)					
<i>Parlatoria pseudaspidotus</i> Ldgr. (Cocci- dae):	Philippines			1	Hawaii.*
<i>Trichoglottis philippinensis</i> (orchid)	Philippines, Sumatra			2	Calif., Hawaii.*
<i>Vanda hookeriana</i> (orchid)					
<i>Vanda teres</i>	India, Philippines, Sumatra.			7	Calif., Hawaii., N. J.
<i>Vanda teres alba</i>	Philippines	1		1	Hawaii.*
<i>Vanda teres andersoni</i>	Japan	1			Hawaii.*
<i>Vanda</i> sp.	India, Philippines, Su- matra.	1		8	Calif.,* Ha- waii.*
<i>Pectinophora gossypiella</i> (Saund.) (Gel- echiidae):	American Virgin Is- lands, Brazil, Hawaii, Mexico, Puerto Rico.	9	1	1	Calif.,* D. C., Fla., La., P. R., Tex.
<i>Gossypium</i> sp. (cottonseed)	Antigua, Mexico	6	1		Fla., Tex.
<i>Gossypium</i> sp. (seed cotton)	Hawaii	1			Calif.*
<i>Gossypium</i> sp. (cotton) (boll)	Mexico	1			Tex.
<i>Gossypium</i> sp. (cotton) (oil mill motes).					
<i>Hibiscus esculentus</i> (okra)	Puerto Rico	1			N. Y.

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<i>Phaedon purpurea</i> (Linell) (Chrysomeli- dae):					
<i>Brassica chinensis</i> (white chard).....	Mexico.....	1			Ariz.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia javanica</i> (appleblossom senna).....	Trinidad.....			1	N. J.
<i>Cassia moschata</i>	Canal Zone.....			1	N. J.
<i>Phenacaspis eugeniae sandwichensis</i> Full. (Coccidae):					
<i>Cycas revoluta</i> (sago cycas).....	Hawaii.....			1	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Capsicum annuum</i> (pepper).....	Cuba.....	2			N. Y.
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Hibiscus</i> sp.....	Dominican Republic.....	1			N. Y.
<i>Mentha</i> sp. (mint).....	Mexico.....	1			Tex.
<i>Pelargonium</i> sp. (geranium).....	do.....	1		1	Ariz., Tex.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	1			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Daucus carota sativa</i> (carrot).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	2			Tex.
<i>Phyllotreta vittata discedens</i> Weise (Chrys- omelidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	1			N. Y.
<i>Phymata pennsylvanica coloradensis</i> Mel. (Phymatidae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Physonota peticollis</i> Boh. (Chrysomeli- idae):					
Bromeliaceae.....	Guatemala.....			1	Calif.*
<i>Pilophoropsis brachypterus</i> Popp. (Miri- dae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Pinnaspis minor strachani</i> Cooley (Coc- cidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Trinidad.....	1			Fla.*
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae):					
<i>Aerides falcatum</i> (orchid).....	Thailand.....			1	Hawaii.*
<i>Aerides lawrenciae</i>	Philippines.....			1	Hawaii.*
<i>Aerides odoratum</i>	Thailand.....			1	Hawaii.*
<i>Aerides quinquerulnara</i>	Philippines.....			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid).....	Japan.....			1	Hawaii.*
<i>Dendrobium moschatum</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Dendrobium phalaenopsis</i>	Sumatra.....			1	Calif.*
<i>Renanthera storiei</i> (orchid).....	Philippines.....	1		1	Hawaii.*
<i>Trichoglottis brachiata</i> (orchid).....	do.....			1	Hawaii.*
<i>Vanda luzonica</i> (orchid).....	do.....			1	Hawaii.*
<i>Vanda merrilli</i>	do.....			1	Hawaii.*
<i>Vanda roxburghii</i>	Thailand.....			1	Hawaii.*
<i>Pionea forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		3		N. Y.
<i>Pityophthorus schwarzi</i> Blackm. (Scoly- tidae):					
<i>Pinus</i> sp. (pine).....	Mexico.....	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Ceramby- cidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Platynta rostrana</i> (Walk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Capsicum annuum</i> (pepper).....	Cuba.....	4			La., N. Y.
<i>Citrus paradisi</i> (grapefruit).....	do.....	1			N. Y.
<i>Musa paradisiaca</i> (plantain).....	do.....	1			N. Y.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Capsicum annuum</i> (pepper).....	do.....	330			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	16			Ariz., Tex.
<i>Platymus lividigaster</i> Muls. (Coccinel- lidae):					
<i>Zingiber officinale</i> (ginger).....	Hawaii.....	1			Calif.*
<i>Platypus alternans</i> Chapuis (Platypodi- dae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.

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<i>Platypus ezaratus</i> Blüf. (Platypodidae):					
<i>Tabebuia donnell-smithii</i> (primavera)...	Guatemala	2			N. Y.
<i>Platypus rugulosus</i> Chapuis (Platypodi- dae):					
<i>Ananas comosus</i> (pineapple).....	Mexico	1			Tex.
<i>Casearia praecox</i>	Venezuela	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala	2			N. Y.
Log.....	Mexico	2			Tex.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Mexico	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)...	Canal Zone, Guatemala, Mexico, Panama.	4			N. Y.
Wood.....	Mexico		1		Tex.
<i>Polymerus basalis</i> (Reut.) (Miridae):					
<i>Chrysanthemum</i> sp.....	do	1			Tex.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeuti- dae):					
<i>Citrus aurantifolia</i> (lime).....	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon).....	Dutch East Indies		1		Calif.*
<i>Protopulvinaria pyrifomis</i> (Ckll.) (Coc- cidae):					
<i>Anacardium occidentale</i> (cashew).....	Dominican Republic			1	P. R.
<i>Gardenia jasminoides</i> (Cape-jasmine)...	Mexico, Venezuela	4			N. Y., Tex.
<i>Lonicera</i> sp. (honeysuckle).....	Bermuda			1	N. Y.
<i>Pseudoanidia clavigera</i> (Ckll.) (Coccidae):					
<i>Genipa</i> sp. (genip).....	Canal Zone			1	N. J.
<i>Hibiscus</i> sp.....	Hawaii			4	Calif.*
<i>Inga</i> sp.....	Canal Zone			1	N. J.
<i>Myricaria</i> sp.....	do			1	N. J.
<i>Pseudoanidia tessera</i> (deCharm.) (Coc- cidae):					
<i>Hibiscus</i> sp.....	Hawaii			6	Calif.*
<i>Pseudoanidia trilobitiformis</i> (Green) (Coc- cidae):					
<i>Citrus paradisi</i> (grapefruit).....	Java		1		N. Y.
<i>Citrus sinensis</i> (orange).....	Brazil		1		Fla.*
<i>Mangifera indica</i> (mango).....	do		1		Pa.
<i>Terminalia catappa</i> (Indian-almond)...	Martinique	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Cocci- dae):					
<i>Brassavola glauca</i> (orchid).....	Mexico			1	Calif.*
<i>Cattleya skinneri</i> (orchid).....	Costa Rica, Salvador			5	Calif.*, N. J.
<i>Cattleya</i> sp.....	Costa Rica			3	N. J., Tex.
<i>Odontoglossum</i> sp. (orchid).....	Mexico			1	N. J.
Orchid.....	Costa Rica			1	P. R.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Cymbopogon</i> sp. (lemon grass).....	Trinidad	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane).....	Bahamas, Cuba, Mexico	3	1	1	Fla.*, Tex.
<i>Pseudococcus gahani</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Union of South Africa		1		Mass.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Daucus carota sativa</i> (carrot).....	England, Iceland		6		N. Y., Tex.
<i>Pastinaca sativa</i> (parsnip).....	England		2		Pa.
<i>Pteleobius vittatus</i> F. (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	do	6			N. Y.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	do			1	N. J.
<i>Pulvinaria urticae</i> Ckll. (Coccidae):					
<i>Capsicum annuum</i> (pepper).....	Cuba	1			Fla.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Cactus</i>	Mexico			1	N. J.
<i>Renocis mexicanus</i> Blackm. (Scolytidae):					
<i>Eysenhardtia</i> sp.....	do	3			Ill.
<i>Sambucus</i> sp. (elder).....	do	1			N. Y.
Wood.....	do	9			Ariz., N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephriti- dae):					
<i>Malus sylvestris</i> (apple).....	do	4			Tex.
<i>Rhigopsidius tucumanus</i> Heller (?) (Cur- culionidae):					
<i>Solanum tuberosum</i> (potato).....	Peru	1	2		N. Y.
<i>Rhizophagus dominica</i> (Bostrichidae):					
<i>Cucurbita</i> sp.....	Belgian Congo	1			N. Y.
<i>Rhobonda gaurisana</i> Wlkr. (Glyptiptery- gidae):					
<i>Ficus</i> sp.....	Guatemala	2			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Rhopalothrips bicolor</i> Hood (Thripidae): Cactus.....	Mexico.....	1			Tex.
<i>Ribua innozia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	24	1		La., N. Y.
<i>Ripersia palmarum</i> (Ehrh.) (Coccidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	5	1	1	Calif.*
<i>Salpingus planirostris</i> F. (Pythidae): <i>Ulmus</i> sp. (elm).....	England.....	1			N. Y.
<i>Saulaspis graphica</i> (Germ.) (Chrysomelidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1			N. Y.
<i>Scirtothrips longipennis</i> (Bagn.) (Thripidae): <i>Cypripedium</i> sp. (orchid).....	England.....			1	Hawaii.*
<i>Scolytus multistriatus</i> Marsh. (Scolytidae): <i>Ulmus</i> sp. (elm).....	do.....	2			N. Y.
<i>Sinorylon anale</i> Lesne (Bostrichidae): <i>Areca</i> sp.....	Malaya (British).....	1			N. Y.
<i>Derris scandens</i> (Malay jewelvine).....	do.....	2			N. Y.
<i>Derris</i> sp.....	Malaya (British), Philippines.....	6			N. Y.
Wood.....	India.....	3	1		Mieh., N. Y.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae): Wood.....	do.....		1		N. Y.
<i>Sinorylon sexdentatum</i> (Oliv.) (Bostrichidae): Slat on cork bundle.....	Portugal.....	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	38			Tex.
<i>Sitona lineata</i> L. (Curculionidae): <i>Rhododendron</i> sp.....	British Columbia.....			1	Wash.
<i>Spathulina hessi</i> (Wied.) (Tephritidae): <i>Helichrysum</i> sp.....	Union of South Africa.....	1			N. Y.
<i>Specularius erythrinae</i> Bridwell (Bruchidae): <i>Erythrina cafra</i>	do.....	1			N. Y.
<i>Erythrina constantiana</i>	do.....	1			N. Y.
<i>Stephanoderes brunneus</i> Hopk. (Scolytidae): <i>Poinciana pulcherrima</i> (flowerfence poinciana).....	Mexico.....	1			Ariz.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae): <i>Coffea</i> sp.....	Canada.....	1			Minn.
<i>Stephanoderes trinitatis</i> Hopk. (Scolytidae): <i>Ormosia coutinhoi</i>	British Guiana.....	1			Mass.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Hawaii.....	4	6		Calif.*
<i>Stilodes fuscolineata</i> (Stal) (Chrysomelidae): Banana debris.....	Costa Rica.....	1			La.
<i>Stolas illustris</i> (Chevr.) (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana).....	British Honduras.....	1			Fla.*
<i>Systema basalis</i> (Duv.) (Chrysomelidae): <i>Brassica chinensis</i> (white greens).....	Cuba.....	2			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	1			N. Y.
<i>Chrysanthemum coronatum</i> (crown-daisy).....	do.....	1			N. Y.
<i>Taduis erirhinoides</i> Pascoe (Curculionidae): <i>Cypripedium haynaldianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Tæniothrips ericeae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Tæniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Bougainvillea</i> sp.....	Hawaii.....	2			Calif.*
<i>Tæniothrips simplex</i> (Morison) (Thripidae): <i>Gladiolus</i> sp.....	Mexico.....	2			Tex.
<i>Talponia batesi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya).....	do.....	1			Tex.
<i>Taphroderes sezmaculatus</i> Boh. (Brentidae): <i>Swietenia mahogani</i> (mahogany).....	Costa Rica.....	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Targionia bromeliae</i> ("Newst." Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1	-----	-----	Fla.*
<i>Targionia hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Cuba, Trinidad, Union of South Africa, West Indies.	2	3	-----	Fla.*, N. Y., Pa.
<i>Targionia sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)....	Bahamas, Cuba, Jama- ica, Puerto Rico.	1	2	1	Fla.*, N. Y.
<i>Teleonemia scrupulosa</i> Stal (Tingitidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....	-----	-----	2	Calif.*, P. R.
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Co- lombia, Costa Rica, Venezuela.	-----	-----	30	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Brazil.....	-----	-----	1	N. J.
<i>Laelia</i> sp. (orchid).....	do.....	-----	-----	1	N. J.
<i>Oncidium</i> sp. (orchid).....	Trinidad.....	-----	-----	1	N. J.
Orchid.....	Colombia, Mexico, Ven- ezuela.	-----	-----	6	N. J., Tex.
<i>Tesserocerus dejeani</i> Chapuis (Platypo- didae):					
<i>Guniacum officinale</i> (lignum vitae).....	Guatemala.....	1	-----	-----	N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Honduras ..	2	-----	-----	N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)....	Guatemala.....	1	-----	-----	N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Sophora</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae):					
<i>Ficus carica</i> (fig).....	Guatemala.....	1	-----	-----	Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodi- dae):					
<i>Epigaea repens</i> (trailing arbutus).....	Nova Scotia.....	4	-----	-----	Mass.
<i>Tetraopes femoralis texanus</i> Horn (Ceram- bycidae):					
<i>Allium cepa</i> (onion).....	Mexico.....	1	-----	-----	Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostri- chidae):					
<i>Swietenia mahogani</i> (mahogany).....	do.....	3	-----	-----	N. Y.
Wood.....	do.....	-----	2	-----	Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephri- tidae):					
<i>Carica papaya</i> (papaya).....	Honduras.....	-----	1	-----	La.
<i>Trionymus peregrinus</i> (Green) (Coccidae):					
<i>Amaryllis</i> sp.....	England.....	-----	-----	1	N. J.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Australia.....	-----	1	-----	Mass.
<i>Trogorylon prostomoides</i> Gorb. (Lycetidae):					
<i>Sambucus</i> sp. (elder).....	Mexico.....	1	-----	-----	N. Y.
Wood.....	do.....	1	-----	-----	N. Y.
<i>Urbanus proteus</i> (L.) (Hesperiidae):					
<i>Phaseolus</i> sp. (string bean).....	do.....	1	-----	-----	Ariz.
<i>Urodus parvula</i> (Hy. Edw.) (Hyponomeu- tidae):					
<i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Brassia</i> sp. (orchid).....	do.....	-----	-----	1	Calif.*
<i>Cattleya</i> sp. (orchid).....	do.....	-----	-----	1	Calif.*
<i>Haematorylon campechianum</i> (log- wood).....	Martinique.....	1	-----	-----	N. Y.
<i>Oncidium altissimus</i> (orchid).....	American Virgin Islands	-----	-----	1	Fla.*
<i>Stanhopea bucephalus</i> (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Xenochalepus omoger</i> (Cr.) (Chrysomeli- dae):					
Bromeliaceae.....	Guatemala.....	-----	-----	1	Calif.*
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1	-----	-----	N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Honduras.....	1	-----	-----	N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)....	Mexico.....	1	-----	-----	N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Cuba.....	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Swietenia mahogany</i> (mahogany).....	Costa Rica, Honduras, Mexico.....	3			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Mexico.....	5			N. Y., Tex.
<i>Xyleborus fuscatus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	2			N. Y.
<i>Jacaranda acutifolia</i> (jacaranda).....	Brazil.....		1		N. Y.
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
<i>Citrus aurantiifolia</i> (lime).....	Mexico.....	2			Ariz.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
Log.....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Ariz.
<i>Swietenia mahogany</i> (mahogany).....	Honduras.....	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Xyleborus sacchari</i> Hopk. (Scolytidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Haiti.....		1		Md.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	1			N. Y.
<i>Xyleborus torquatus</i> Eichh. (Scolytidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	Mexico.....	1			N. Y.
<i>Swietenia mahogany</i> (mahogany).....	Costa Rica, Mexico.....	3			N. Y.
<i>Xylion adustus</i> (F.) (Bostrichidae):					
<i>Entandrophragma</i> sp.....	Gold Coast.....	1			N. Y.
<i>Swietenia mahogany</i> (mahogany).....	do.....	1			N. Y.
<i>Xylobiops teranus</i> (Horn) (Bostrichidae):					
In bag containing avocados.....	Mexico.....	1			Tex.
<i>Xylopsocus capucinus</i> (F.) (Bostrichidae):					
<i>Derris</i> sp.....	Malaya (British).....	1			N. Y.
<i>Zabrotes subscissatus</i> (Boh.) (Bruchidae):					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Allium sativum</i> (garlic).....	do.....	1			Tex.
<i>Arachis hypogaea</i> (peanut).....	do.....	1			Tex.
Bean.....	Guatemala, Mexico, Peru.....	5		2	D. C., Mich.
<i>Panicum maritimum</i> (guineagrass).....	Costa Rica.....			1	N. Y.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Union of South Africa.....		2		N. Y.
<i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....			1	D. C.
<i>Pisum sativum</i> (pea).....	Peru.....	1			N. Y.
<i>Pisum</i> sp. (yellow pea).....	Mexico.....		1		N. Y.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Tex.
<i>Vigna sinensis</i> (cowpea).....	do.....			1	D. C.

Hosts and insects

- ACACIA:**
Acanthoscelides dominicanus (Coleoptera)
Acanthoscelides sallaei (Coleoptera)
- ADENANTHERA:**
Dynatopechus aureopilosus (Coleoptera)
- AECHMEA:**
Alleuropilatus coccolus (Homoptera)
- AERIDIES**—See Orchidaceae
- AGLAONEMA:**
Fulvius brevicornis (Hemiptera)
- AGARICUS:**
Nemapogon granella (Lepidoptera)
- ALLIUM CEPA:**
Tetraopes femoralis teranus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- ALLIUM SATIVUM:**
Zabrotes subfasciatus (Coleoptera)
- ALSTROEMERIA:**
Hofmannophila pseudopretella (Lepidoptera)
- ALYXIA:**
Lepidosaphes uniloba (Homoptera)
- AMARYLLIS:**
Trionymus peregrinus (Homoptera)
- AMYGDALUS PERSEICA:**
Anastrepha ludens (Diptera)
- ANACARDIUM:**
Protopulvinaria pyriformis (Homoptera)
- ANANAS:**
Acroleucus vicinialis (Hemiptera)
Alpheias conspirata (Lepidoptera)
Carneoccephala sagittifera (Homoptera)
Cossonus canaliculatus (Coleoptera)
Cossonus impressus var. (Coleoptera)
Diphaulaca cordobae (Coleoptera)
Disonychia antennata (Coleoptera)
Eburia brevispinis (Coleoptera)
Elaphrothrips dampfi (Thysanoptera)
Heraeus guttatus (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Metamasius callizona (Coleoptera)
Placosternus difficilis (Coleoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innozia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Targionia bromeliae (Homoptera)
- ANNONA:**
Aspidiotus destructor (Homoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Ceroplastes rubens (Homoptera)
- APIUM:**
Anuraphis apiifolia (Homoptera)
Forficula auricularia (Orthoptera)
- ARACHIS:**
Zabrotes subfasciatus (Coleoptera)
- ARAUCARIA:**
Eriococcus araucariae (Homoptera)
- ARECA:**
Sin xylon anala (Coleoptera)
- ASTROCARYUM:**
Coccotrypes dactyliperda (Coleoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris (Homoptera)
Asterolecanium miliaris longum (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Chaetococcus bambusae (Homoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Laemotmetus rhizophanolides (Coleoptera)
Lyctozyllon japonum (Coleoptera)
Odonaspis greeni (Homoptera)
- BAMBUSA:**
Asterolecanium bambusae (Homoptera)
- BANANA DEBRIS:**
Stilodes fuscolineata (Coleoptera)
- BAROSMA:**
Chionaspis diosmae (Homoptera)
- BEAN:**
Conotrachelus seniculus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
- BERBERIS:**
Hofmannophila pseudopretella (Lepidoptera)
- BETA CICLA:**
Hellula undalis (Lepidoptera)
- BETA VULGARIS:**
Aceratagallia robusta (Homoptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Erynephala puncticollis (Coleoptera)
Heliodines bella (Lepidoptera)
- BOUGAINVILLEA:**
Acanthoscelides pruvinus (Coleoptera)
Colpocarena complanata (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- BRASSAYOLA**—See Orchidaceae
- BRASSIA**—See Orchidaceae
- BRASSICA CAMPESTRIS:**
Ceutorhynchus pleurostigma (Coleoptera)
- BRASSICA CHINENSIS:**
Conoderus laurenti (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cryptopeltis rarians (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Heteroderes laurenti (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Ora sezlimata (Coleoptera)
Pachnaeus litus (Coleoptera)
Phaedon purpurea (Coleoptera)
Phyllotreta vittata discedens (Coleoptera)
Systema basalis (Coleoptera)
- BRASSICA HIRTA:**
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)
- BRASSICA OLERACEA ACEPTALA:**
Gynaikothrips uzeli (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Liriomyza flaveola (Diptera)
Phyllotreta vittata discedens (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Hellula undalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Melusina annulata (Hemiptera)
- BRASSICA OLERACEA CAPITATA:**
Ceutorhynchus quadridens (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Gnathotrichus denticulatus (Coleoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
Picea forficalis (Lepidoptera)
- BRASSICA RAPA:**
Ceutorhynchus pleurostigma (Coleoptera)
Deloyala lecontei (Coleoptera)
Drasterius livens (Coleoptera)
Epilachna varicestis (Coleoptera)
Geocoris sonoraeensis (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)
Nabis alternatus (Hemiptera)
Phyllotreta pusilla (Coleoptera)
- BRASSICA SP. (mustard):**
Ceratocapsus cubanus (Hemiptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Empoasca abrupta (Homoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Nabis alternatus (Hemiptera)
Platynota stultana (Lepidoptera)
Systema basalis (Coleoptera)
- BROMELIACEAE:**
Asterolecanium epidendri (Homoptera)
Physanota peticicollis (Coleoptera)
Xenochalepus omoger (Coleoptera)
- CAESALPINIA:**
Acanthoscelides dominicanus (Coleoptera)
- CAJANUS:**
Callosobruchus chinensis (Coleoptera)
- CACTACEAE:**
Cosmogramma angustofasciata (Coleoptera)
Cylindrocopturus biradiatus (Coleoptera)
Gerstaeckeria mutillaria (Coleoptera)
Lepidosaphes philococcus (Homoptera)

Hosts and insects—Continued

CACTACEAE—Continued.

- Ligyrocoris nitidicollis* (Hemiptera)
Monilema opuntiae (Coleoptera)
Puto mexicanus (Homoptera)
Rhopalothrips bicolor (Thysanoptera)

CALLUNA:

- Micelus ericae* (Coleoptera)
Taeniothrips ericae (Thysanoptera)

CALOCARPUM:

- Anastrepha serpentina* (Diptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)

CANAVALLA:

- Cosmolyce boteticus* (Lepidoptera)
Marcia testulalis (Lepidoptera)

CAPSICUM:

- Aceratagallia pallida* (Homoptera)
Arctius albopunctatus (Hemiptera)
Disonycha argentinensis (Coleoptera)
Epinotia opposita (Lepidoptera)
Gnortmoschema gudmannella (Lepidoptera)
Lineodes triangularis (Lepidoptera)
Lorita abor nana chaika (Lepidoptera)
Macroductylus mexicanus (Coleoptera)
Phenacoccus gossypii (Homoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Pulvinaria uricola (Homoptera)

CARICA:

- Homalopalpia dalera* (Lepidoptera)
Toxotrypana curvicauda (Diptera)

CASEARIA:

- Platypus rugulosus* (Coleoptera)

CASSIA:

- Acanthoscelides alticola* (Coleoptera)
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)

CASTANEA:

- Clytus arielis* (Coleoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYA—See Orchidaceae

CEDRUS:

- Nasutitermes cornigera* (Isoptera)
Platypus alternans (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus fuscatus (Coleoptera)

CELOSIA:

- Euschistus obscurus* (Hemiptera)

CENTAUREA:

- Ligyrocoris auritilliana* (Hemiptera)

CERATONIA:

- Acanthoscelides ceratiborus* (Coleoptera)
Amblycerus piurae (Coleoptera)
Myelois ceratoniae (Lepidoptera)

CEREUS—See Cactaceae

CHRYSANTHEMUM:

- Aceratagallia nana* (Homoptera)
Frankliniella cephalica (Thysanoptera)
Fulvius bistillatus (Hemiptera)
Hypsilonotus fulvus (Hemiptera)
Opsius stactogalus (Homoptera)
Phenacoccus gossypii (Homoptera)
Polymerus basalis (Hemiptera)
Systema basalis (Coleoptera)
Teleonemia scrupulosa (Hemiptera)

CICER:

- Callosobruchus chinensis* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Nabis alternatus (Hemiptera)

CITRUS AURANTIFOLIA:

- Anastrepha ludens* (Diptera)
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Ligyrocoris nitidicollis (Hemiptera)
Prays endocarpa (Lepidoptera)
Xyleborus propinquus (Coleoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS LIMON:

- Prays endocarpa* (Lepidoptera)
Pseudococcus gahani (Homoptera)

CITRUS MEDICA:

- Parlatoria cinerea* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraecoptans (Diptera)
Anastrepha serpentina (Diptera)
Aonidiella inornata (Homoptera)
Parlatoria cinerea (Homoptera)
Platynota rostrana (Lepidoptera)
Pseudonidia trilobitiformis (Homoptera)
Xyleborus confusus (Coleoptera)

CITRUS RETICULATA:

- Aonidiella inornata* (Homoptera)
Chionaspis yanonenis (Homoptera)

CITRUS SINENSIS:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Parlatoria cinerea (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
Chrysomphalus personatus (Homoptera)
Diaspis cocois (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Ripersia palmarum (Homoptera)

CODIAEUM:

- Lepidosaphes auriculata* (Homoptera)
Lichtensia lutea (Homoptera)
Parlatoria crotonis (Homoptera)

COELOGYNE—See Orchidaceae

COFFEA:

- Ceratitis capitata* (Diptera)
Stephanoderes hampei (Coleoptera)

COLOCASIA:

- Conchylodes ovalis* (Lepidoptera)

CORIANDRUM:

- Liriomyza flaveola* (Diptera)

CRATAEGUS:

- Crocidosoma plebeiana* (Lepidoptera)

CUCURBITA:

- Rhizophagus dominica* (Coleoptera)

CYCAS:

- Aonidiella inornata* (Homoptera)
Phenacaspis eugeniae sandwichensis (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

CYMBIDIUM—See Orchidaceae

CYMBOPOGON:

- Pseudococcus boninsis* (Homoptera)

CYPRIPEDIUM—See Orchidaceae

DAHLIA:

- Hofmannophila pseudospretella* (Lepidoptera)

DAISY:

- Euphoria kerni* (Coleoptera)

DAPHNE:

- Nabis alternatus* (Hemiptera)

DAUCUS:

- Agromyza virens* (Diptera)
Haplothrips gowdeyi (Thysanoptera)
Phyllotreta pusilla (Coleoptera)
Psila rosae (Diptera)

DERRIS:

- Dinoderus bifoveolatus* (Coleoptera)
Sinozygon anale (Coleoptera)
Xylopsocus capucinus (Coleoptera)

DIOCLEA:

- Marcia testulalis* (Lepidoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
Targionia hartii (Homoptera)

DENDROBIUM—See Orchidaceae

DIANTHUS:

- Alloccoris incognita* (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)

ENTANDROPHRAGMIA:

- Xylion adustus* (Coleoptera)

EPIDENDRUM—See Orchidaceae

EPIGAEA:

- Aleuroplatus myricae* (Homoptera)
Tetraleurodes ursorum (Homoptera)

Hosts and insects—Continued

ERICA:

Myzus ornatus (Homoptera)

ERYTHRINA:

Aspidiotus herculeanus (Homoptera)

Specularius erythrinae (Coleoptera)

EYSONHARDTIA:

Renocis mexicanus (Coleoptera)

FICUS:

Aspidiotus spinosus (Homoptera)

Leptopharsa distantis (Hemiptera)

Rhobonda gaurisana (Lepidoptera)

Tetraneurodes fici (Homoptera)

FRAXINUS:

Argyrotaea conwayana (Lepidoptera)

Leperistinus frazini (Coleoptera)

GARDENIA:

Acrosternum stitica (Hemiptera)

Coccus viridis (Homoptera)

Euphoria kerni (Coleoptera)

Haplothrips gowdeyi (Thysanoptera)

Homona patulana (Lepidoptera)

Hypsopora nogolata (Homoptera)

Opsius stactogalus (Homoptera)

Protopulvinaria pyriformis (Homoptera)

GENIPA:

Pseudaonidia clavigera (Homoptera)

GERBERA:

Frankliniella cephalica (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:

Frankliniella fortissima (Thysanoptera)

Lophocaretes pusillus (Coleoptera)

Taeniothrips simplex (Thysanoptera)

GLEDITSIA:

Bruchidius dorsalis (Coleoptera)

GONGORA—See Orchidaceae

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)

Coryca cephalonica (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

GRAMMATOPHYLLUM—See Orchidaceae

GUAIACUM:

Nasutitermes cornigera (Isoptera)

Neoclytus cacicus (Coleoptera)

Platypus rugulosus (Coleoptera)

Tesserocerus dejeani (Coleoptera)

Xyleborus confusus (Coleoptera)

Xyleborus propinquus (Coleoptera)

Xyleborus torquatus (Coleoptera)

HAEMATOKSYLON:

Vinsonia stellifera (Homoptera)

HELIANTHUS:

Disonychia argentiniensis (Coleoptera)

HELICHRYSUM:

Spathulina hessi (Diptera)

HIBISCUS:

Crociosema plebeiana (Lepidoptera)

Haplothrips gowdeyi (Thysanoptera)

Pectinophora gossypiella (Lepidoptera)

Phenacoccus gossypii (Homoptera)

Pseudaonidia clavigera (Homoptera)

Pseudaonidia tessellata (Homoptera)

INGA:

Pseudaonidia clavigera (Homoptera)

IPOMOEA:

Cylas formicarius (Coleoptera)

Cylas formicarius var. (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas puncticollis (Coleoptera)

Cylas turcicollis (Coleoptera)

Euscepes postfasciatus (Coleoptera)

Palaeopus costicollis (Coleoptera)

JACARANDA:

Xyleborus fuscatus (Coleoptera)

JASMINUM:

Aonidiella inornata (Homoptera)

JUGLANS:

Lophocaretes pusillus (Coleoptera)

LACTUCA:

Anacentrinus deplanatus (Coleoptera)

Conoderus lividus (Coleoptera)

Disonychia politula (Coleoptera)

Empoasca abrupta (Homoptera)

Empoasca batatae (Homoptera)

Geocoris sonoraeensis (Hemiptera)

Homophoea lustrans (Coleoptera)

LACTUCA—Continued.

Leptophobia aripa (Lepidoptera)

Ligyrocoris auricillana (Hemiptera)

Nabis dentipes (Hemiptera)

Phyllotreta pusilla (Coleoptera)

LAELIA—See Orchidaceae

LAGERSTROEMIA:

Dysdercus nimulus (Hemiptera)

LATHYRUS:

Frankliniella fortissima (Thysanoptera)

LAURUS:

Aonidia lauri (Homoptera)

Chrysomphalus personatus (Homoptera)

LEMAIREOCEREUS—See Cactaceae

LITCHI:

Ceroplastes rubens (Homoptera)

LONICERA:

Protopulvinaria pyriformis (Homoptera)

LYCASTE—See Orchidaceae

LYCOPERSICON:

Amphicerus cornutus (Coleoptera)

Callidum antennatum hesperum (Coleoptera)

Dacus cucurbitae (Diptera)

Dicyphus minimus (Hemiptera)

Dorytomus brevisetosus (Coleoptera)

Epinolia opposita (Lepidoptera)

Gnathotrichus aciculatus (Coleoptera)

Gnathotrichus denticulatus (Coleoptera)

Gnorimoschema gudmannella (Lepidoptera)

Heliodines bella (Lepidoptera)

Keiseria lycopersicella (Lepidoptera)

Leucinodes elegantalis (Lepidoptera)

Lineodes integra (Lepidoptera)

Lorita abornana chatka (Lepidoptera)

Pilophoropsis brachypterus (Hemiptera)

Platynota stultana (Lepidoptera)

Xyleborus confusus (Coleoptera)

Xyleborus propinquus (Coleoptera)

MALUS:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Rhagoletis pomonella (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

Aspidiotus spinosus (Homoptera)

MAMMILLARIA—See Cactaceae

MANGIFERA:

Anastrepha ludens (Diptera)

Anastrepha mombinpraepitans (Diptera)

Ceratitis capitata (Diptera)

Pseudaonidia trilobitiformis (Homoptera)

Sternonchelus mangiferae (Coleoptera)

MANIHOT:

Lepidosaphes alba (Homoptera)

MARSDENIA:

Niveaspis fenestrata (Homoptera)

MEDICAGO:

Colias eurytheme (Lepidoptera)

Draeculacephala minerva (Homoptera)

Epilachna varivestis (Coleoptera)

MENTHA:

Phenacoccus gossypii (Homoptera)

MILTONIA—See Orchidaceae

MIMULUS:

Pagiocerus rimosus (Coleoptera)

MUCUNA:

Dynatopichus aureopilosus (Coleoptera)

MUSA PARADISIACA:

Eumecomyia nubila (Diptera)

Platynota rostrana (Lepidoptera)

MUSA PARADISIACA SAPIENTUM:

Adranethrips tibialis (Thysanoptera)

Aspidiotus destructor (Homoptera)

Metamasius sericeus (Coleoptera)

Pinnaspis minor strachani (Homoptera)

Stolas illustris (Coleoptera)

MUSCARI:

Boukellia maroccana (Homoptera)

MYRISTICA:

Nysius scutellatus (Hemiptera)

MYRICARIA:

Pseudaonidia clavigera (Homoptera)

MYRTILLOCACTUS—See Cactaceae

NARCISSUS:

Endrosis lacteella (Lepidoptera)

Hosts and insects—Continued

NERIUM:

Thrips gowdeyi (Thysanoptera)

ODONTOGLOSSUM—See Orchidaceae

ONCIDIUM—See Orchidaceae

ORMOSIA:

Stephanoderes trinitatis (Coleoptera)

ORNITHOGALUM:

Thrips nigricornis (Thysanoptera)

ORYZA:

Chilo simplex (Lepidoptera)

Corcyra cephalonica (Lepidoptera)

ORCHIDACEAE:

Acrolophus ferridus (Lepidoptera)

Aeolus pulchellus (Coleoptera)

Anaphothrips orchidaceus (Thysanoptera)

Anaphothrips orchidii (Thysanoptera)

Anastrepha striata (Diptera)

Aonidiella eremocitri (Homoptera)

Aspidiotus diffinis (Homoptera)

Asterolecanium epidendri (Homoptera)

Capaneus odiosus (Hemiptera)

Chrysomphalus nulliporus (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Clerada apicicornis (Hemiptera)

Conchaspis angraci (Homoptera)

Conotrachelus naso (Coleoptera)

Cryphula apicatus (Hemiptera)

Cryphula fasciatus (Hemiptera)

Cryptomorpha desjardinsi (Coleoptera)

Deloala guttata (Coleoptera)

Empoasca phaseola (Homoptera)

Eucalandra setulosa (Coleoptera)

Eurycipitia vestitus (Hemiptera)

Eurytoma orchidearum (Hymenoptera)

Erpochiomeria tumens (Hemiptera)

Furcaspis biformis (Homoptera)

Galgupha punctifera (Hemiptera)

Gonatas typicus (Hemiptera)

Hercinotrips femoralis (Thysanoptera)

Lamprosema schistisemalis (Lepidoptera)

Lepidosaphes tuberculata (Homoptera)

Leucaspis cockerelli (Homoptera)

Ligyrocoris aurivilliana (Hemiptera)

Lygaeus vitticinctus (Hemiptera)

Melanaspis aliena (Homoptera)

Mordellistena catleyana (Coleoptera)

Morganella longispina (Homoptera)

Myodocha intermedia (Hemiptera)

Myodocha unispinosa (Hemiptera)

Nasutitermes cornigera (Isoptera)

Neurodenus litigiosus (Hemiptera)

Ogdocoeca biannularis (Coleoptera)

Opatrinus gemellus (Coleoptera)

Orchidophilus aterrimus (Coleoptera)

Orchidophilus peregrinator (Coleoptera)

Pachycoris torridus var. (Hemiptera)

Parlatoria pseudaspidiolus (Homoptera)

Pinnaspis townsendi (Homoptera)

Pseudischnaspis alienus (Homoptera)

Pulvinaria floccifera (Homoptera)

Scirtothrips longipennis (Thysanoptera)

Taduis erirhinoides (Coleoptera)

Tenthecoris bicolor (Hemiptera)

Vinsonia stellifera (Homoptera)

PACHYCYREUS—See Caetaceae

PANICUM:

Cymus virescens (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PASTINACA:

Psila rosae (Diptera)

PATRINIA:

Myzus ornatus (Homoptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PELLICIERA:

Aspidiotus herculeanus (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus spinosus (Homoptera)

Caulophilus latinasus (Coleoptera)

Ceratitis capitata (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacadae (Coleoptera)

PERSEA—Continued.

Conotrachelus perseae (Coleoptera)

Conotrachelus seniculus (Coleoptera)

Euzesta stigmatias (Diptera)

Heilipus trifasciatus (Coleoptera)

Placosternus difficilis (Coleoptera)

Urodus parvula (Lepidoptera)

PHALAENOPSIS—See Orchidaceae

PHASEOLUS AUREUS:

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

PHASEOLUS LUNATUS MACROCARPUS:

Epinotia opposita (Lepidoptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS MUNGO RADIATUS:

Callosobruchus maculatus (Coleoptera)

PHASEOLUS VULGARIS:

Dacus cucurbitae (Diptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS SP. (string bean):

Dacus cucurbitae (Diptera)

Epilachna varivestis (Coleoptera)

Epinotia opposita (Lepidoptera)

Ligyrocoris aurivilliana (Hemiptera)

Maruca testulalis (Lepidoptera)

Urbanus proteus (Lepidoptera)

PHOENIX:

Parlatoria blanchardi (Homoptera)

PHYSALIS:

Cylas formicarius elegantulus (Coleoptera)

Gnorimoschema lavrenella (Lepidoptera)

Heliothis subflava (Lepidoptera)

PINUS:

Aonidia pinicola (Homoptera)

Chapuisia mexicana (Coleoptera)

Pityophthorus schwarzi (Coleoptera)

PIPEK:

Aonidiella inornata (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)

Zabrotes subfasciatus (Coleoptera)

PITHECELLOBIUM:

Acanthoscelides flexicaulis (Coleoptera)

Acanthoscelides julianus (Coleoptera)

Acanthoscelides limbatus (Coleoptera)

Myelois peniparis (Lepidoptera)

PODALYRIA:

Bruchidius versicolor (Coleoptera)

POINCIANA:

Aganactes indecora (Lepidoptera)

Stephanoderes brunneus (Coleoptera)

POPULUS:

Dorytomus brevisetosus (Coleoptera)

PORTULACA:

Callosobruchus maculatus (Coleoptera)

Disomyia arizonae (Coleoptera)

Drasterius tibens (Coleoptera)

Exitanus obscurinervis (Homoptera)

Frankliniella fortissima (Thysanoptera)

Heliodinus bella (Lepidoptera)

Lacon leseleuci (Coleoptera)

Ligyrocoris aurivilliana (Hemiptera)

Lygus pratensis var. (Hemiptera)

Nabis alternatus (Hemiptera)

Nabis annulatus (Hemiptera)

Phymata pennsylvanica coloradensis (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PRIMULA:

Myzus ornatus (Homoptera)

PROSOPIS:

Acanthoscelides ceratioborus (Coleoptera)

Acmaeodera gibbula delumbis (Coleoptera)

Laspeyresia membra (Lepidoptera)

PRUNUS:

Parlatoria oleae (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)

Anastrepha suspensa (Diptera)

Ceratitis capitata (Diptera)

Coccus viridis (Homoptera)

PUNICA:

Anastrepha ludens (Diptera)

Caulophilus latinasus (Coleoptera)

PYRUS:

Anastrepha ludens (Diptera)

Parlatoria oleae (Homoptera)

Hosts and insects—Continued

QUERCUS:

- Andricus championi* (Hymenoptera)
- Andricus mexicanus* (Hymenoptera)
- Biorhiza solita* (Hymenoptera)
- Conotrachelus integer* (Coleoptera)
- Dros petasum* (Hymenoptera)
- Forficula auricularia* (Orthoptera)

RADICULA:

- Draeculacephala minerva* (Homoptera)

RAPHANUS:

- Hellula undalis* (Lepidoptera)
- Phyllotreta pusilla* (Coleoptera)

RENANTHERA—See Orchidaceae

RHODODENDRON:

- Amphorophora rhododendri* (Homoptera)
- Dolopus marginatus* (Coleoptera)
- Dialeurodes chittendeni* (Homoptera)
- Epitrix subcrinita* (Coleoptera)
- Sitona lineata* (Coleoptera)

RIBES:

- Epochra canadensis* (Diptera)

RICINUS:

- Falconia caduca* (Hemiptera)

ROSA:

- Chrysomphalus personatus* (Homoptera)
- Coccus viridis* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)

ROYSTONEA:

- Aspidiotus destructor* (Homoptera)

SACCHARUM:

- Odonaspis saccharicaulis* (Homoptera)
- Pseudococcus boninensis* (Homoptera)
- Targionia sacchari* (Homoptera)
- Trionymus sacchari* (Homoptera)
- Xyleborus sacchari* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

SALVIA:

- Aylax salviae* (Hymenoptera)

SAMBUCUS:

- Amphicercus cornutus* (Coleoptera)
- Micrapate scapularis* (Coleoptera)
- Penocis mexicanus* (Coleoptera)
- Trogoxylon prostomoides* (Coleoptera)

SAPONARIA:

- Hypselonotus interruptus* (Hemiptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)

SAXIFRAGA:

- Acalypta mera* (Hemiptera)

SCHEELIA:

- Caryobruchus buscki* (Coleoptera)

SCHOMBURGKIA—See Orchidaceae

SEMPERVIVUM:

- Acalypta mera* (Hemiptera)

SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

SOIL:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)

SOLANUM MELONGENA:

- Pachyzancla perusalis* (Lepidoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Phigopsideus tucumanus* (?) (Coleoptera)

SOPHORA:

- Diaspis texensis* (Homoptera)
- Tetraleurodes acaciae* (Homoptera)

SPINACIA:

- Deloyala guttata* (Coleoptera)
- Lygus oblineatus* var. (Hemiptera)
- Nabis alternatus* (Hemiptera)

SPONDIAS:

- Aspidiotus herculeanus* (Homoptera)

STANHOPEA—See Orchidaceae

SWIETENIA:

- Hypsipyla grandella* (Lepidoptera)
- Lygaeus guatemalanus* (Hemiptera)
- Platypus rugulosus* (Coleoptera)
- Taphroderes szemaculatus* (Coleoptera)
- Tesserocerus dejeani* (Coleoptera)
- Tetrapriocera longicornis* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus torquatus* (Coleoptera)
- Xylion adustus* (Coleoptera)

SYMPLOCARPUS:

- Forficula auricularia* (Orthoptera)

TABEBULA:

- Acanthoderes circumflexa* (Coleoptera)
- Prentus anchorage* (Coleoptera)
- Prentus mexicanus* (Coleoptera)
- Cossonus canaliculatus* (Coleoptera)
- Laemophloeus suturalis* (Coleoptera)
- Nemocephalus guatemalensis* (Coleoptera)
- Platypus exaratus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Tesserocerus dejeani* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus subaffinis* (Coleoptera)

TABERNAEMONTANA:

- Dialeurodes kirkaldyi* (Homoptera)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)

TERMINALIA:

- Aspidiotus destructor* (Homoptera)
- Elaphidion irroratum* (Coleoptera)
- Leptostylus argentatus* (Coleoptera)
- Pseudaonidia trilobitiformis* (Homoptera)

TETRAPLEURA:

- Callosobruchus maculatus* (Coleoptera)

THEOBROMA:

- Corcyra cephalonica* (Lepidoptera)

THUJA:

- Cinara tujafilina* (Homoptera)

TILLANDSIA:

- Monanthia monotropidia* (Hemiptera)

TRITICUM:

- Zabrotes subfasciatus* (Coleoptera)

TULIPA:

- Myzus ornatus* (Homoptera)

ULMUS:

- Clytus arietis* (Coleoptera)
- Pteleobius vittatus* (Coleoptera)
- Salpingus planirostris* (Coleoptera)
- Scolytus multistriatus* (Coleoptera)

VANDA—See Orchidaceae

VICIA:

- Bruchus dentipes* (Coleoptera)
- Bruchus dentipes ochraceosignatus* (Coleoptera)
- Bruchus hamatus* (Coleoptera)

VIGNA:

- Callosobruchus maculatus* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

VITIS:

- Pantomorus zanthographus* (Coleoptera)
- Saulaspis graphica* (Coleoptera)

VOANDZELA:

- Callosobruchus subinnotatus* (Coleoptera)

ZEA:

- Agrotis vetusta* (Lepidoptera)
- Callosobruchus maculatus* (Coleoptera)
- Chirothrips aculeatus* (Thysanoptera)
- Conotrachelus seniculus* (Coleoptera)
- Eumecosomyia nubila* (Diptera)
- Euzesta sororcula* (Diptera)
- Euzesta stigmatias* (Diptera)
- Moodna bisinuella* (Lepidoptera)
- Paciocerus rimosus* (Coleoptera)

ZINGIBER:

- Platynus lividigaster* (Coleoptera)

Hosts unknown

BAG CONTAINING AVOCADOS:
Xylobius texanus (Coleoptera)
 EXCELSIOR IN BOX OF GRAPES:
Heteroderes rufangulus (Coleoptera)
 FLOWERS:
Cyrtopeltis varians (Hemiptera)
Draculacephala minerva (Homoptera)
Erynephala puncticollis (Coleoptera)
Meltriona profligata (Coleoptera)
 GRASS SEED:
Mecidea protiza (Hemiptera)
 HAY:
Hypera meles (Coleoptera)
Hypera nigrostris (Coleoptera)
 HERB:
Erynephala puncticollis (Coleoptera)
Melusina regelationis (Hemiptera)
 LOG:
Prentus anchorago (Coleoptera)
Calydon submetallicum (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus propinquus (Coleoptera)
 PACKING:
Drymus sylvaticus (Hemiptera)

PACKING—Continued.
Nabis punctipennis (Hemiptera)
 PALM:
Aspidiotus destructor (Homoptera)
 PLANT:
Aleurotrachelus trachoides (Homoptera)
 SUCCULENT:
Eumysia maculicula (Lepidoptera)
 VEGETABLES:
Erynephala puncticollis (Coleoptera)
 WOOD:
Amphicerus cornutus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate scapularis (Coleoptera)
Microcerotermes exiguus (Isoptera)
Neoclytus rufus (Coleoptera)
Platypus rugulosus (Coleoptera)
Penocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Sinoxylon serdentatum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Trogoyton prostomoides (Coleoptera)

Country of origin and insects

ALGERIA:
Callosobruchus maculatus
Callosobruchus subinnotatus
 AMERICAN VIRGIN ISLANDS:
Pectinophora gossypiella
Vinsonia stellifera
 ANTIGUA:
Asterolecanium miltaris longum
Pectinophora gossypiella
 ARGENTINA:
Anastrepha fraterculus
Cylas formicarius elegantulus
Disonycha argentinensis
Epilachna varivestis
Heteroderes rufangulus
Pantomorus xanthographus
Parlatoria cinerea
Parlatoria oleae
Saulaspis graphica
 AUSTRALIA:
Anaphothrips orchidii
Lophocateres pusillus
Morganella longispina
Trionymus sacchari
 BAHAMAS:
Coccus viridis
Frankliniella insularis
Furcaspis biformis
Haplothrips gowdeyi
Parlatoria cinerea
Pseudococcus boninsis
Targionia sacchari
 BARBADOS:
Asterolecanium miltaris robustum
Chrysomphalus personatus
 BELGIAN CONGO:
Phizopagus dominica
 BERMUDA:
Frankliniella insularis
Haplothrips gowdeyi
Protopulvinaria pyrifomis
 BRAZIL:
Anastrepha fraterculus
Anastrepha serpentina
Asterolecanium epidendri
Colpocarena complanata
Conchaspis angraci
Corecra cephalonica
Eurytoma orchidearum
Euscepes postfasciatus
Hypselonotus interruptus
Mordellistena cattleyana
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Tenthecoris bicolor
Xyleborus fuscatus

BRITISH COLUMBIA:
Amphorophora rhododendri
Myzus ornatus
Sitona lineata
 BRITISH GUIANA:
Caryedon fuscus
Stephanoderes trinitatis
 BRITISH HONDURAS:
Lepidosaphes alba
Stolas illustris
 BRITISH WEST INDIES:
Furcaspis biformis
 CANADA:
Acalypta mera
Epitrix subcrinita
Forficula aycrularia
Lophocateres pusillus
Myzus ornatus
Nabis alternatus
Nemopogon granella
Stephanoderes hampei
 CANAL ZONE:
Acanthoderes circumflera
Acanthoscelides alticola
Aspidiotus diffinis
Aspidiotus herculeanus
Caryobruchus buscki
Coccus viridis
Conchaspis angraci
Epinotia opposita
Frankliniella cephalica
Furcaspis biformis
Haplothrips gowdeyi
Mordellistena cattleyana
Phelomerus aberrans
Platypus rugulosus
Pseudaonidia clavigera
Tenthecoris bicolor
Vinsonia stellifera
 CHILE:
Calydon submetallicum
Nabis punctipennis
 CHINA:
Callosobruchus maculatus
Ceroplastes rubens
Cylas formicarius elegantulus
Fulvius brevicornis
 COLOMBIA:
Acanthoscelides dominicanus
Acrolophus fervidus
Anaphothrips orchideaceus
Anastrepha serpentina
Asterolecanium epidendri
Clerada apicicornis
Conotrachelus naso
Corecra cephalonica
Cryphula fasciatus

Country of origin and insects—Continued

COLOMBIA—Continued.

Eucalandra setulosa
Eurytoma orchidearum
Furcaspis bifurmis
Gonatas typicus
Maruca testulalis
Mordellistena cattleyana
Nasutitermes cornigera
Pagiocerus rimosus
Tenthoris bicolor

COSTA RICA:

Asterolecanium bambusae
Asterolecanium epidendri
Chrysomphalus umboniferus
Helitropus trifasciatus
Leucaspis cockerelli
Nyeliois ceratoniae
Nasutitermes cornigera
Platypus alternans
Platypus rugulosus
Pseudischinaspis alienus
Stilodes fuscolineata
Taphroderes sexmaculatus
Tenthoris bicolor
Tesserocerus dejeani
Xyleborus affinis
Xyleborus confusus
Xyleborus fuscatus
Xyleborus torquatus
Zabrotes subfasciatus

CUBA:

Adranethrips tibialis
Aleurocanthus uogulmi
Anastrepha mombrinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium miliaris
Ceratocapsus cubanus
Coccus viridis
Conoderus laurenti
Crociosema plebeiana
Cylas formicarius
Cylas formicarius elegantulus
Cyrtopeltis varians
Elaphidion irroratum
Eumecosomyia nubila
Euscepes postfasciatus
Frankliniella cubensis
Gynaikothrips uzeli
Haplorthrips gowdeyi
Helicula phidilealis
Heteroderes laurenti
Homalopalpia datera
Kriferia lycopersicella
Lepidosaphes alba
Leptostylus argentatus
Lineodes integra
Liriomyza flaveola
Ora sexlineata
Pachnaeus litus
Pachyzancla periusalis
Phenacoccus gossypii
Phyllotreta vittata discedens
Platynota rostrana
Pseudococcus boninensis
Pulvinaria urticae
Ribua innoxia
Systena basalis
Targionia bromelae
Targionia harti
Targionia sacchari
Xyleborus confusus

CYPRUS:

Aonidia lauri
Aylax salicis

DOMINICA:

Maruca testulalis

DOMINICAN REPUBLIC:

Acanthoscelides dominicanus
Anastrepha mombrinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Cylas formicarius elegantulus

DOMINICAN REPUBLIC—Continued.

Phenacoccus gossypii
Protopulvinaria pyrifomis
DUTCH EAST INDIES:
Acanthoscelides ceratioborus
Acanthoscelides dominicanus
Caryedon fuscus
Laemotmetus rhizophagoides
Lyctozylon japonum
Prays endocarpa

DUTCH GUIANA:

Corecya cephalonica
Euscepes postfasciatus
Maruca testulalis

DUTCH WEST INDIES:

Acanthoscelides dominicanus
Cymus virens
Furcaspis bifurmis

ECUADOR:

Aleurotrachelus trachoides
Corecya cephalonica

ENGLAND:

Anaphothrips orchidaceus
Argyrota conuayana
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Clytus arietis
Dalopius marginatus
Dialeurodes chittendeni
Drymus sylvaticus
Hercinotrips femoralis
Hofmannophila pseudospretella
Leperisinus frazieri
Lepidosaphes tuberculata
Melusina regelationis
Myzus ornatus
Pionea forficalis
Psila rosae
Pteleobius vittatus
Pulvinaria floccifera
Salpingus planirostris
Scirtothrips longipennis
Scolytus multistriatus
Trionymus peregrinus

FRENCH INDO-CHINA:

Heterobostrychus aequalis

GOLD COAST:

Xylion adustus

GUADELOUPE:

Nystus scutellatus

GUATEMALA:

Aleuroplatus coccolus
Anastrepha ludens
Aspidiotus destructor
Asterolecanium bambusae
Asterolecanium epidendri
Brentus anchorago
Brentus mexicanus
Chrysomphalus umboniferus
Cossonus canaliculatus
Eriococcus araucariae
Eurycipitia testitius
Hypsipyla grandella
Laemophloeus suturalis
Leptopharsa distantis
Lygaeus guatemalanus
Lygaeus vitticinctus
Melanaspis aliena
Nemotaphus guatemalensis
Neuroctenus litigiosus
Odonaspis saccharicautis
Physonota picticollis
Platypus exaratus
Platypus rugulosus
Phobondia gaurisana
Tesserocerus dejeani
Tetraleurodes fici
Xenochalepus omoger
Xyleborus confusus
Xyleborus propinquus
Xyleborus subaffinis
Zabrotes subfasciatus

HAITI:

Anastrepha mombrinpraeoptans
Xyleborus sacchari

HAWAII:

Acanthoscelides limbatus

Country of origin and insects—Continued

HAWAII—Continued.

Acanthoscelides pruvinus
Aonidiella inornata
Carydon fuscus
Ceratitis capitata
Ceroptastes rubens
Chaetococcus bambusae
Coccus viridis
Cosmolyce boeticus
Dacus cucurbitae
Diocalandra taitensis
Dynatospeckus aureopilosus
Ereunetis flavistriata
Euscepes postfasciatus
Haplothrips godeyi
Lepidosaphes auriculata
Lepidosaphes uniloba
Maruca testulalis
Odonaspis greeni
Parlatoria crotonis
Pectinophora gossypiella
Phenacaspis eugeniae sandwichensis
Platyomus liriidigaster
Pseudonidia clavifera
Pseudonidia tessera
Ripersia palmarum
Sternonchelus mangiferae
Taeniothrips hawaiiensis

HONDURAS:

Eurycipitia vestitus
Galgupha punctifer
Leucaspis cockerelli
Neoclytus cacticus
Palaeopus costicollis
Tesserocherus dejeani
Toxotrypana curvicauda
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus

ICELAND:

Psila rosae

INDIA:

Bruchus emarginatus
Callosobruchus chinensis
Dinoderus pilifrons
Heterobostrychus aequalis
Parlatoria pseudaspitotus
Sinoxylon anale
Sinoxylon conigerum

IRAN:

Bruchus dentipes
Bruchus dentipes ochraceosignatus
Bruchus emarginatus
Parlatoria blanchardi

IRELAND:

Endrosis lacteella

JAMAICA:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Diaspis cocois
Targionia sacchari

JAPAN:

Aleurotrachelus camelliae
Bruchidius dorsalis
Chilo simplex
Chionaspis yanonensis
Cinara tujafilina
Dynatospeckus aureopilosus
Laspeyresia splendana
Parlatoria pseudaspitotus
Pinnaspis townsendi

JAVA:

Cylas turcipennis
Heterobostrychus aequalis
Laemotmetus rhizophajoides
Lyctoxylon japonum
Pseudonidia trilobitiformis

MALAYA (British):

Dinoderus bifoveolatus
Sinoxylon anale
Xylopsocus capucinus

MARTINIQUE:

Pseudonidia trilobitiformis
Vinsonia stellifera

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides flexicaulis

MEXICO—Continued.

Acanthoscelides julianus
Acanthoscelides sallaei
Aceratagallia nana
Aceratagallia pallida
Aceratagallia robusta
Acmaeodera gibbula delumbis
Acroleucus ricinatis
Acrosternum stitica
Aeolus pulchellus
Agromyza virens
Agrotis retusta
Alloeoris incognita
Alpheias conspirata
Amphicerus cornutus
Anacentrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Andricus championi
Andricus mexicanus
Arctellus albopunctatus
Aspidiotus spinosus
Fiorhiza solida
Frentus anchorago
Frentus mexicanus
Fucculatrix thurberiella
Callidium antennatum hesperum
Callosobruchus maculatus
Carneocephala sagittifera
Caulophilus latinasus
Chapuisia mexicana
Chirothrips aculeatus
Chrysomphalus personatus
Colias eurytheme
Conchylodes oculalis
Conoderus lividus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Cossonus canaliculatus
Cossonus impressus var.
Crociosema plebeiana
Curculio q-griseae
Cylas formicarius
Cylas formicarius elegantulus
Cylindrocaptus biradiatus
Cyrtopeltis varians
Deloyala guttata
Deloyala lecontei
Diaspis texensis
Dicyphus minimus
Diphautaca cordobae
Disonycha antennata
Disonycha arizonae
Disonycha politula
Dorytomus brevisetosus
Draeculacephala minerva
Drasterius livens
Dros petasum
Dysdercus minimus
Eburia brevispinis
Elaphrothrips dampfi
Empoasca abrupta
Empoasca batatae
Empoasca phascola
Epicaerus cognatus
Epilachna varitests
Epinotia opposita
Epochra canadensis
Eyrnephala puncticollis
Eumecosomyia nubila
Eumysia maculicula
Euphorbia kerni
Eurycipitia vestitus
Eurytoma orchidearum
Euschistus obscurus
Euzesta sororcula
Euzesta stigmatias
Eritianus obscurinervis
Falconia caduca
Frankliniella cephalica
Frankliniella cubensis
Frankliniella fortissima
Fulvius bististillectus
Galgupha punctifer
Geocoris sororacensis

Country of origin and insects—Continued

MEXICO—Continued.

Gerstaeckeria mutillaria
Gnathotrichus aciculatus
Gnathotrichus denticulatus
Gnorimoschema gudmanuella
Gnorimoschema laternella
Haplothrips powdeyi
Heliodorus bella
Heliothis subflava
Heliula phidiculis
Heliula undalis
Heraeus guttatus
Homona patulana
Homophoea lustrans
Hypselonotus fulvus
Hypsoprora nogolata
Keiseria lycopersicella
Laeon leseleuci
Laspeyresia membraea
Lepidosaphes philococcus
Leptophobia aripa
Leucinodes elegantalis
Lichtensia lutea
Ligyrocoris auririlliana
Ligyrocoris nitidicollis
Lineodes integra
Lineodes triangularis
Lorita abornana chatka
Lygus oblineatus var.
Lygus pratensis var.
Macroactylus mexicanus
Maruca testulalis
Metamasius callizona
Metrona profligata
Micrapate scapularis
Monanthia monotropidia
Monilema opuntiae
Moodna bisinuella
Myelois venipars
Myodocha intermedia
Myodocha unispinosa
Nabis alternatus
Nabis annulatus
Nabis dentipes
Ogdocosta biannularis
Opsius stactogalus
Pachycoris torridus var.
Pectinophora gossypiella
Phaedon purpurea
Phenacoccus gossypii
Phyllotreta pusilla
Phymata pennsylvanica colorandensis
Pilophoropsis brachypterus
Pityophthorus schwarzi
Placosternus cifficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polymerus basalis
Protopulvinaria pyriformis
Pseudischaspis alienus
Pseudococcus boninsis
Puto mexicanus
Renocis mexicanus
Rhagoletis pomonella
Rhopalothrips bicolor
Sisamnes contractus
Stephanoderes brunneus
Stenothrips simplex
Talponia batesi
Teleonemia scrupulosa
Tenthecoris bicolor
Tetraleurodes acaciae
Tetraopes femoratus teranus
Tetrapirocera longicornis
Trogoxylon prostomoides
Urbanus protus
Urodus parvula
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus
Xyleborus torquatus
Xylobiops tezanus
Zabrotes subfasciatus

MOROCCO (French):

Beuhelia maroccana

NEVIS:

Caryedon fuscus

NEWFOUNDLAND:

Hypera meles

Hypera nigrostris

NICARAGUA:

Microcertermes exiguus

Nasutitermes cornigera

NOVA SCOTIA:

Aleuroplatus myricae

Tetraleurodes ursorum

PALESTINE:

Parlatoria cinerea

PANAMA:

Aspidiotus destructor

Aspidiotus herculeanus

Coccus viridis

Furcaspis biformis

Metamasius sericeus

Nemocephalus guatemalensis

Neoclytus cacticus

Platypus rugulosus

PERU:

Acanthoscelides ceratioborus

Amblycerus piurae

Anaphothrips orchidaceus;

Cosmogramma angustofasciata

Dinoderus bifoveolatus

Eurytoma orchidearum

Euscepes postfasciatus

Niveaspis fenestrata

Pagiocerus rimosus

Rhigopsidius lucumanus(?)

Zabrotes subfasciatus

PHILIPPINES:

Aonidiella inornata

Callosobruchus chinensis

Callosobruchus maculatus

Chrysomphalus nulliporus

Morganella longispina

Orchidophilus peregrinator

Parlatoria pseudaspidiotus

Pinnaspis townsendi

Prays endocarpa

Sinorhizon anale

Tadius erirhinoides

PORTUGAL:

Aonidia pinicola

Ceratitidis capitata

Coccotrypes dactyliperda

Forficula auricularia

Laspeyresia splendana

Sinorhizon serdentatum

PUERTO RICO:

Anastrepha mombinpraeoptans

Anastrepha suspensa

Callosobruchus chinensis

Coccus viridis

Cylas formicarius elegantulus

Euscepes postfasciatus

Heliula phidiculis

Maruca testulalis

Pectinophora gossypiella

Targionia sacchari

ST. LUCIA:

Aganactes indecora

ST. VINCENT:

Anastrepha mombinpraeoptans

SALVADOR:

Acanthoscelides dominicanus

Asterolecanium aureum

Pseudischaspis alienus

SCOTLAND:

Ceutorhynchus pleurostigma

Melusina annulata

Micretus ericae

Taenithrips ericae

SPAIN:

Aonidia lauri

STRAITS SETTLEMENTS:

Dinoderus bifoveolatus

SUMATRA:

Parlatoria pseudaspidiotus

Pinnaspis townsendi

TAHITI:

Dialeurodes kirkaldyi

Country of origin and insects—Continued

THAILAND:

Aonidiella eremocitri
Orchidophilus aterrimus
Pinnaspis townsendi

TRINIDAD:

Aganactesis indecora
Chrysomphalus personatus
Cryptamorpha desjardinsi
Euscepes postfasciatus
Furcaspis biformis
Helula phidilealis
Maruca testulalis
Neoclytus rufus
Paracopus costicollis
Parlatoria cinerea
Phelomerus aberrans
Pinnaspis minor strachani
Pseudococcus boninensis
Targionia hartii
Tenthetocoris bicolor

UNION OF SOUTH AFRICA:

Anuraphis apifolia
Bruchidius versicolor
Chinoaspis diosmae
Cylas puncticollis
Haplothrips nigricornis
Mecidea prolixa
Pseudococcus gahani
Sphatulina hessi
Specularius erythrinae
Targionia hartii

UNION OF SOUTH AFRICA—Continued.

Zabrotes subfasciatus

UNION OF SOVIET SOCIALIST REPUBLICS:

Bruchus hamatus

UNKNOWN:

Anastrepha ludens
Anastrepha mombinpraeoptans

VENEZUELA:

Acanthoscelides dominicanus
Anastrepha striata
Aspidiotus herculeanus
Asterolecanium epidendri
Capaneus odiosus
Chrysomphalus umboniferus
Clerada apicicornis
Coccus viridis
Cyphula apicatus
Eurycypitia vestitus
Eurytoma orchidearum
Erptochiomeria tumens
Furcaspis biformis
Lamprosema schistisemalis
Mordellistena catleyana
Opatrinus gemellus
Platypus rugulosus
Protopulvinaria pyriformis
Tenthetocoris bicolor

VIRGIN ISLANDS:

Euscepes postfasciatus

WEST INDIES:

Targionia hartii

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All finding marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con-sump-tion	Non-ent-ry	Prop-aga-tion	
<i>Albugo bliti</i> (Biv.) Kuntze:					
<i>Chenopodium album</i> (pigweed).....	Mexico.....	1			Tex.
<i>Alternaria brassicae microspora</i> Brun.:					
<i>Cucumis melo</i> (melon).....	Chile.....	1			N. Y.
<i>Cucumis melo</i> var. (honeydew).....	do.....	4			N. Y.
<i>Alternaria citri</i> Pierce:					
<i>Citrus limon</i> (lemon).....	Union of South Africa.....		1		N. Y.
<i>Alternaria fasciculata</i> (Cke. & Ell.) L. R. Jones & Grout:					
<i>Capsicum annuum</i> (pepper).....	Brazil.....		1		Pa.
<i>Alternaria tenuis</i> Nees:					
<i>Viola</i> sp. (pansy).....	England.....			1	N. J.
<i>Aphelenchoides limberi</i> Steiner:					
<i>Pastinaca sativa</i> (parsnip).....	do.....		1		Pa.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa).....	New Zealand.....		1		N. Y.
<i>Asterina delitescens</i> Ell. & Martin:					
<i>Persea</i> sp.	Mexico.....	1			Tex.
<i>Bacterium citri</i> (Hasse) Doidge:					
<i>Citrus aurantifolia</i> (lime).....	Ceylon, Philippines.....		2		Calif., *Mass.
<i>Citrus limon</i> (lemon).....	Java, Philippines.....		3		Calif., *Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Unknown.....		1		N. Y.
<i>Bacterium lachrymans</i> Sm. & Bryan:					
<i>Cucumis sativus</i> (cucumber).....	Mexico.....	1			Tex.
<i>Bacterium punctilans</i> Bryan:					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	6			Ariz.
<i>Balanisia sclerotica</i> (Pat.) Hoehn.:					
<i>Heteropogon contortus</i> (tanglehead).....	Straits Settlements.....	1			N. Y.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado).....	Mexico.....	3			Tex.
<i>Botrytis narcissicola</i> Kleb.:					
<i>Narcissus</i> sp.	Canada, England, Ire-land.....			10	N. J.
<i>Botrytis squamosa</i> J. C. Walker:					
<i>Allium sativum</i> (garlic).....	Chile.....		1		N. Y.
<i>Ceratostomella ulmi</i> Buismann:					
<i>Ulmus</i> sp. (elm).....	England.....	2			N. Y.
<i>Cercospora althaeina</i> Sacc.:					
<i>Gossypium</i> sp. (cotton).....	Mexico.....	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cercospora angraci</i> Roum.: <i>Odontoglossum</i> (orchid).....	England.....	-----	-----	5	N. J.
<i>Oncidium</i> sp. (orchid).....	Mexico.....	1	-----	-----	Tex.
<i>Sobralia</i> sp. (orchid).....	do.....	-----	-----	1	Tex.
<i>Cercospora celosiae</i> Syd.: <i>Celosia</i> sp. (cocksoomb).....	do.....	1	-----	-----	Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica sapientum</i> (banana).....	American Virgin Islands, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Venezuela.	157	12	-----	La., Md., Mass., N. Y., Tex.
<i>Cercospora rhododendri</i> March & Verpl.: <i>Rhododendron</i> sp.....	Canada.....	-----	-----	1	Wash.
<i>Cercospora richardiaecola</i> Atk.: <i>Zantedeschia aethiopica</i> (callily).....	Guatemala, Mexico.....	2	-----	-----	Tex.
<i>Cercospora ricinella</i> Sacc. & Berl.: <i>Ricinus communis</i> (castorbean).....	Mexico.....	1	-----	-----	Tex.
<i>Cerebella andropogonis</i> Ces.: <i>Panicum mosambicense</i>	Rhodesia.....	-----	-----	1	D. C.
<i>Paspalum dilatatum</i> (Dallisgrass).....	Australia.....	-----	-----	2	N. Y.
<i>Paspalum</i> sp.....	do.....	-----	-----	2	N. Y.
<i>Chlamydomyces palmarum</i> (Cke.) Mason: <i>Musa paradisica sapientum</i> (banana).....	Panama.....	1	-----	-----	N. Y.
<i>Chrysomyza rhododendri</i> D By.: <i>Rhododendron prunifolium</i> (plumleaf azalea).....	England.....	-----	-----	1	Calif.*
<i>Cladosporium orchidearum</i> Cke. & Mass.: <i>Epidendrum prismatocarpus</i> (orchid).....	do.....	-----	-----	1	N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum dilatatum</i> (Dallisgrass).....	Costa Rica, Union of South Africa.....	-----	-----	2	N. Y.
<i>Paspalum notatum</i> (bahiagrass).....	Mexico.....	-----	-----	1	N. Y.
<i>Paspalum</i> sp.....	Costa Rica, Cuba.....	-----	-----	2	N. Y.
<i>Coleosporium dahliae</i> Arth.: <i>Dahlia</i> sp.....	Mexico.....	1	-----	1	Tex.
<i>Colletotrichum cajani</i> Rangel: <i>Cicer arietinum</i> (gram chickpea).....	Puerto Rico.....	1	-----	-----	N. Y.
<i>Colletotrichum miltoniae</i> Verpl.: <i>Epidendrum</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Wash.
<i>Masdevallia</i> sp. (orchid).....	do.....	-----	-----	1	Wash.
<i>Miltonia</i> sp. (orchid).....	England.....	-----	-----	1	N. J.
<i>Colletotrichum stanhopeae</i> P. Henn.: <i>Stanhopea bucephalus</i> (orchid).....	Mexico.....	-----	-----	2	Calif.*
<i>Cordana musae</i> (Zimm.) Hoehn.: <i>Musa paradisica sapientum</i> (banana).....	Panama.....	1	-----	-----	Calif.*
<i>Coryneum rhododendri</i> Schw.: <i>Rhododendron</i> sp.....	Canada.....	-----	-----	1	Wash.
<i>Cronartium conigenum</i> Hedge & Hunt: <i>Pinus chihuahuana</i>	Mexico.....	1	-----	-----	Ariz.
<i>Cylindrocladium scoparium</i> Morg.: <i>Cattleya trianae</i> (orchid).....	Colombia.....	-----	-----	1	P. R.
<i>Cytospora ambiens</i> Sacc.: <i>Salix</i> sp. (willow).....	England.....	1	-----	-----	N. Y.
<i>Ulmus</i> sp. (elm).....	do.....	2	-----	-----	N. Y., Pa.
<i>Dematium pullulans</i> D By.: <i>Cattleya</i> sp. (orchid).....	Colombia, Venezuela.....	-----	-----	2	N. J.
<i>Diaporthe batatatis</i> Harter & Field: <i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Chile.....	-----	2	-----	Tex.
<i>Didymium difforme</i> (Pers.) Duby: <i>Cupressus</i> sp. (cypress).....	Colombia.....	1	-----	-----	N. Y.
<i>Diplodia gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton).....	Mexico.....	-----	1	-----	Tex.
<i>Diplodia henriquesiana</i> Trav. & Spessa: <i>Cattleya</i> sp. (orchid).....	Canal Zone.....	-----	-----	1	N. J.
<i>Diplodia paraphysaria</i> Sacc.: <i>Cattleya trianae</i> (orchid).....	Colombia.....	-----	-----	1	P. R.
<i>Cattleya</i> sp.....	do.....	-----	-----	1	Tex.
Orchid.....	Venezuela.....	-----	-----	2	P. R.
<i>Vanda caerulea</i> (orchid).....	Thailand.....	-----	-----	1	Calif.*
<i>Diplodia suberina</i> Dur. & Mont.: <i>Quercus suber</i> (cork oak).....	Portugal.....	1	-----	-----	N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Diploscapter coronata</i> (Cobb) Cobb:					
<i>Solanum tuberosum</i> (potato).....	Argentina.....		1		Pa.
<i>Discosia artocreas</i> Fr.:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Colchicum autumnale otrorubrum</i>	do.....			1	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-erocus).	do.....			1	N. J.
<i>Colchicum speciosum</i> (showy autumn-erocus).	do.....			2	N. J.
<i>Hyacinthus</i> sp.....	do.....	1		1	N. Y.
<i>Narcissus</i> sp.....	do.....			6	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		8		Md., N. Y., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		Md.
<i>Citrus reticulata</i> (tangerine).....	Argentina, Brazil.....		3		Fla., La., N. Y.
<i>Citrus sinensis</i> (orange).....	do.....	1	3		Md., Mass., N. Y.
<i>Citrus</i> sp.....	Brazil.....		1		Mass.
<i>Erobadium vaccinii</i> Fekl.:					
<i>Azalea</i> sp.....	Japan.....		1		Wash.
<i>Erosporium palmivorum</i> Sacc.:					
Palm.....	Argentina.....		1		N. Y.
<i>Fusarium heterosporum</i> Nees:					
<i>Panicum mosambicensis</i>	Rhodesia.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallisgrass).....	Australia, India, Union of South Africa.....			3	Md., N. Y.
<i>Paspalum notatum</i> (bahiagrass).....	Mexico.....			1	N. Y.
<i>Paspalum</i> sp.....	Australia.....			2	N. Y.
<i>Fusarium niveum</i> E. F. Sm.:					
<i>Cucumis sativus</i> (cucumber).....	Mexico.....	1			Tex.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat).....	Portugal.....		2		N. Y.
<i>Gleosporium aleuriticum</i> Sacc.:					
<i>Aleurites moluccana</i> (Candlenut-tree).....	Hawaii.....	1			Calif.*
<i>Gloeosporium oncidii</i> Oud.:					
<i>Oncidium sphacelatum</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Gloeosporium pelargonii</i> Cke. & Mass.:					
<i>Pelargonium</i> sp. (geranium).....	Bermuda.....			1	Ga.
<i>Gloeosporium rhododendri</i> Briosi & Cav.:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Gloeosporium stanhopeae</i> Allesch.:					
<i>Stanhopea wardii</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Helminthosporium avenae</i> Eidam:					
<i>Avena sativa</i> (oat).....	Canada.....	1			Wash.
<i>Helminthosporium curvulum</i> Sacc.:					
<i>Capsicum annuum</i> (pepper).....	Cuba.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		Pa.
<i>Helminthosporium torulosum</i> (Syd.) Ashby:					
<i>Musa paradisiaca</i> (plantain).....	do.....	13			N. Y.
<i>Heterosporium ornithogali</i> Klotzsch:					
<i>Allium porrum</i> (leek).....	Japan.....		1		Calif.*
<i>Ornithogalum thyrsoides</i> (chinkri- chee).....	Union of South Africa.....	1			Mass.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc. (?):					
Palm.....	Cuba.....		1		Pa.
<i>Hormodendron olivaceum</i> Bon.:					
<i>Matus sylvestris</i> (apple).....	Chile.....	1			N. Y.
<i>Hypoderma ilicinum</i> Duby:					
<i>Quercus</i> sp. (oak).....	Costa Rica.....			1	Calif.*
<i>Leptothyrium acerinum</i> Cda.:					
<i>Acer</i> sp. (maple).....	England.....			1	N. J.
<i>Lethum australiense</i> var. <i>typicum</i> Holmes:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	18			Ariz.
<i>Lophodermium juniperinum</i> (Fr.) DeNot.:					
<i>Juniperus</i> sp. (juniper).....	Hungary.....	1			N. Y.
<i>Macrophoma oncidii</i> P. Henn.:					
<i>Cattleya</i> sp. (orchid).....	Guatemala.....			1	P. R.
<i>Marsonia brunnea</i> (Ell. & Ev.) Sacc.:					
<i>Populus</i> sp. (cottonwood).....	Mexico.....	1			Tex.
<i>Melampsora medusae</i> Thuen.:					
<i>Populus</i> sp. (cottonwood).....	Chile, Mexico.....	2			N. Y., Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Melanconium hystriopsis</i> Pat.: <i>Heteropogon contortus</i> (tanglehead)....	Straits Settlements.....	1	-----	-----	N. Y.
<i>Meliola citricola</i> Syd.: <i>Citrus sinensis</i> (orange).....	Dominican Republic.....	1	-----	-----	P. R.
<i>Citrus</i> sp.....	Jamaica.....	-----	1	-----	Wash.
<i>Monilia sitophila</i> (Mont.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Tex.
<i>Oidium euonymi-japonici</i> (Arcang.) Sacc.: <i>Euonymus japonicus</i> (evergreen eu- onymus).....	do.....	1	-----	-----	Tex.
<i>Euonymus</i> sp.....	Spain.....	-----	1	-----	N. Y.
<i>Penicillium gladioli</i> McCull. & Thom.: <i>Watsonia</i> sp. (buglelily).....	Union of South Africa.....	-----	-----	1	N. J.
<i>Peronospora pisi</i> Syd.: <i>Pisum sativum</i> (pea).....	Mexico, Portugal.....	-----	3	-----	N. Y., Tex.
<i>Peronospora trifoliorum</i> D By.: <i>Medicago sativa</i> (alfalfa).....	Mexico.....	1	-----	-----	Tex.
<i>Pestalozzia monochaeta</i> Desm.: <i>Ulmus</i> sp. (elm).....	England.....	1	-----	-----	Wash.
<i>Pestalozzia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Tanganyika.....	-----	1	-----	N. Y.
<i>Phaeobulgaria inquinans</i> (Fr.) Seaver: <i>Castanea</i> sp. (chestnut).....	England.....	1	-----	-----	N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia (?), Transvaal.....	-----	2	-----	Ala., Mass.
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....	-----	1	-----	Md.
<i>Citrus sinensis</i> (orange).....	Australia, Union of South Africa.....	-----	8	-----	Calif.* Md., N. Y.
<i>Phoma insidiosa</i> Tassi: <i>Axonopus compressus</i> (carpet grass)....	Australia.....	-----	-----	1	N. Y.
<i>Paspalum compressum</i>	do.....	-----	-----	1	N. Y.
<i>Sorghum vulgare caffrorum</i> (kafir).....	Haiti.....	1	-----	-----	P. R.
<i>Phoma mali</i> Schultz & Sacc.: <i>Malus sylvestris</i> (apple).....	Mexico.....	1	-----	-----	Tex.
<i>Phoma nebulosa</i> Mont.: <i>Pastinaca sativa</i> (parsnip).....	Australia.....	-----	1	-----	N. Y.
<i>Phyllachora gravis</i> Rehm.: <i>Persea americana</i> (avocado).....	Mexico.....	2	-----	-----	Tex.
<i>Phyllosticta cucurbitacearum</i> Sacc.(?): <i>Cucumis sativus</i> (cucumber).....	do.....	1	-----	-----	Tex.
<i>Phyllosticta digitalis</i> Bellynck: <i>Digitalis purpurea</i> (foxglove).....	do.....	1	-----	-----	N. Y.
<i>Phyllosticta erythroxyl</i> Graziani: <i>Erythroxylon coca</i> (cocainetree).....	Peru.....	1	-----	-----	N. Y.
<i>Phyllosticta maxima</i> Ell. & Ev.: <i>Rhododendron</i> sp.....	Canada.....	-----	-----	1	Wash.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.....	Bermuda.....	-----	-----	1	N. Y.
<i>Phyllosticta stanhopeae</i> Allesch.: <i>Stanhopea</i> sp. (orchid).....	Peru.....	-----	-----	1	N. J.
<i>Physalospora camptospora</i> Sacc.: <i>Stanhopea bucephalus</i> (orchid).....	Mexico.....	-----	-----	2	Calif.*
<i>Physalospora cattleegae</i> Maub. & Lasnier: <i>Cattleja</i> sp. (orchid).....	England.....	-----	-----	1	Calif.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Malus sylvestris</i> (apple).....	Australia.....	-----	2	-----	N. Y., Pa.
<i>Physalospora orchidearum</i> P. Henn.: Orchid.....	Colombia.....	-----	-----	1	Tex.
<i>Pleospora andropogonis</i> Niessl: <i>Heteropogon contortus</i> (tanglehead)....	Straits Settlements.....	1	-----	-----	N. Y.
<i>Polyporus pinsitus</i> Fr.: <i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1	-----	-----	Calif.*
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Argentina.....	-----	1	-----	Pa.
<i>Puccinia aristidae</i> Tracy: <i>Spinacia oleracea</i> (spinach).....	Mexico.....	2	-----	-----	Tex.
<i>Puccinia asparagi</i> DC.: <i>Asparagus</i> sp.....	do.....	1	-----	-----	Tex.
<i>Puccinia helianthi</i> Schw.: <i>Helianthus</i> sp. (sunflower).....	do.....	1	-----	-----	Tex.
<i>Puccinia heterospora</i> Berk. & Curt.: <i>Anoda</i> sp.....	do.....	1	-----	-----	Tex.
<i>Puccinia nevadensis</i> Syd.: <i>Salvia larandulaefolia</i> (sage).....	Portugal, Spain.....	3	-----	-----	N. Y.
<i>Puccinia ornithogalli-thyrsoideis</i> Diet.: <i>Ornithogalum thyrsoideis</i> (chinkerichee)	Union of South Africa.....	3	-----	-----	Mass., N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Puccinia tageticola</i> Diet. & Holw.: <i>Tagetes florida</i> (marigold).....	Mexico.....	13			Tex.
<i>Rotylenchus robustus</i> (deMan) Filip.: <i>Lactuca sativa</i> (lettuce).....	Trinidad.....		1		N. Y.
<i>Sclerotinia bulborum</i> (Wakk.) Rehm.: <i>Hyacinthus</i> sp.....	England.....			1	N. Y.
<i>Sclerotinia gladioli</i> Drayton: <i>Crocus</i> sp.....	do.....			1	N. J.
<i>Septoria anthrisci</i> Pass. & Brun.: <i>Anthriscus cerefolium</i> (saladchervil).....	Portugal.....	1			Pa.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina.....		1		N. Y.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Brazil.....	1			N. Y.
<i>Septoria lactucae</i> Pass.: <i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Tex.
<i>Septoria musiva</i> Pk.: <i>Populus</i> sp. (cottonwood).....	do.....	1			Tex.
<i>Sorosporium consanguineum</i> Ell. & Ev.: <i>Aristida obtusa</i>	Union of South Africa.....			1	D. C.
<i>Sphacelotheca cruenta</i> (Kuehn) Potter: <i>Sorghum vulgare technicum</i> (broom- corn).....	Mexico.....	1			Tex.
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel: <i>Sorghum vulgare technicum</i> (broom- corn).....	Argentina.....	2	1		N. Y.
<i>Sporonema camelliae</i> Earle: <i>Camellia japonica</i> (camellia).....	England.....			1	N. J.
<i>Stachylidium bicolor</i> Lk.: <i>Cattleya</i> sp. (orchid).....	do.....			1	Calif.*
<i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain).....	Cuba, Dominican Re- public, Honduras.....	20			N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Guatemala, Haiti.....	3			Md., N. Y.
<i>Tilletia foetens</i> (Berk. & Curt.) Trel.: <i>Triticum aestivum</i> (wheat).....	Iran.....			1	D. C.
<i>Tilletia horrida</i> Tak.: <i>Oryza sativa</i> (rice).....	India.....		1		N. Y.
<i>Tilletia rugispora</i> Ell.: <i>Paspalum plicatulum</i> (brownseed pas- palum).....	Mexico.....	1			N. Y.
<i>Tilletia tritici</i> (Bjerk.) Wint.: <i>Triticum aestivum</i> (wheat).....	do.....	1			Ariz.
<i>Tritirachium dependens</i> Limber: <i>Pueraria thunbergiana</i> (kudzu).....	China.....	1			N. Y.
<i>Tubercularia vulgaris</i> Tode: <i>Citrus sinensis</i> (orange).....	Mexico.....		1		Pa.
<i>Fagus</i> sp. (beech).....	England.....	1			Pa.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum endresii</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Oncidium oblongatum</i> (orchid).....	Guatemala.....			1	N. J.
<i>Oncidium varicosum rogersii</i> (orchid).....	Brazil.....			1	N. J.
<i>Uredo epidendri</i> P. Henn.: Orchid.....	Cuba.....			1	N. J.
<i>Uredo erythroxylonis</i> Grazioni: <i>Erythroxylon coca</i> (cocaïne-tree).....	Peru.....	2			N. Y.
<i>Uredo guacae</i> Mayor: <i>Batemannia</i> sp. (orchid).....	Costa Rica.....			1	N. J.
<i>Epidendrum umbellatum</i> (orchid).....	Salvador.....			1	Calif.*
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp. (autumn-crocus).....	England.....			3	N. J.
<i>Uromyces striatus medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa).....	Argentina, Mexico, Peru.....	5	2		N. Y., Tex.
<i>Ustilago rabenhorstiana</i> Kuehn: <i>Digitaria sanguinalis</i> (hairy crab- grass).....	Uruguay.....			1	Wash.
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron</i> sp.....	Canada.....			1	Wash.
<i>Vermicularia geayana</i> Del.: <i>Cattleya dowiana</i> (orchid).....	Costa Rica.....			2	Calif.*
Orchid.....	Costa Rica, Mexico.....			2	N. J., Wash.

Hosts and diseases

- ACER:
Leptothyrium acerinum (Deuteromycetes)
- ALEURITES:
Gloeosporium aleuriticum (Deuteromycetes)
- ALLIUM PORRUM:
Heterosporium ornithogali (Deuteromycetes)
- ALLIUM SATIVUM:
Potrytis squamosa (Deuteromycetes)
- ANODA:
Puccinia heterospora (Promycetes)
- ANTHRISCUS:
Septoria anthrisci (Deuteromycetes)
- ARISTIDA:
Sorosporium consanguineum (Promycetes)
- ASPARAGUS:
Puccinia asparagi (Promycetes)
- AVENA:
Helminthosporium avenae (Deuteromycetes)
- AXONOPUS:
Phoma insidiosa (Deuteromycetes)
- AZALEA:
Erobasiidium raccini (Basidiomycetes)
- BATEMANNIA—See Orchidaceae
- CAMELLIA:
Sporonema camelliae (Deuteromycetes)
- CAPSIUM:
Alternaria fasciculata (Deuteromycetes)
Helminthosporium curculum (Deuteromycetes)
- CASTANEA:
Phaeobulgarina inquinans (Ascomycetes)
- CATTLEYA—See Orchidaceae
- CELOSIA:
Cercospora celosiae (Deuteromycetes)
- CHENOPODIUM:
Albugo bliti (Phycomycetes)
- CICER:
Colletotrichum cajan (Deuteromycetes)
- CITRUS AURANTIFOLIA:
Racterium citri (Schizomycetes)
- CITRUS LIMON:
Alternaria citri (Deuteromycetes)
Racterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
- CITRUS PARADISI:
Elsinoe australis (?) (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
- CITRUS SINENSIS:
Racterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Tubercularia vulgaris (Deuteromycetes)
- CITRUS SP.:
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
- COCOS:
Pestalozzia palmarum (Deuteromycetes)
- COLCHICUM:
Ditylenchus dipsaci (Nematoda)
Urocystis colchici (Promycetes)
- CROCUS:
Sclerotinia gladioli (Ascomycetes)
- CUCUMIS:
Alternaria brassicae microspora (Deuteromycetes)
Racterium lachrymans (Schizomycetes)
Fusarium nireum (Deuteromycetes)
Phyllosticta cucurbitacearum (?) (Deuteromycetes)
- CUPRESSUS:
Didymium difforme (Myxomycetes)
- DAHLIA:
Coleosporium dahliae (Promycetes)
- DIANTHUS:
Septoria dianthi (Deuteromycetes)
- DIGITALIS:
Phyllosticta digitalis (Deuteromycetes)
- DIGITARIA:
Ustilago rabenhorstiana (Promycetes)
- EPIDENDRUM—See Orchidaceae
- ERIBOTRYA:
Fusicladium eribotryae (Deuteromycetes)
- ERYTHROXYLON:
Phyllosticta erythrozyl (Deuteromycetes)
Uredo erythroxylois (Promycetes)
- EUONYMUS:
Oidium euonymi-japonici (Deuteromycetes)
- FAGUS:
Tubercularia vulgaris (Deuteromycetes)
- GOSYPIUM:
Cercospora althaeina (Deuteromycetes)
Diplodia gossypina (Deuteromycetes)
- GUAIACUM:
Polyporus pinsitus (Basidiomycetes)
- HELIANTHUS:
Puccinia helianthi (Promycetes)
- HETEROPOGON:
Balanisia sclerotica (Ascomycetes)
Melanconium hysteriopsis (Deuteromycetes)
Pleospora andropogonis (Ascomycetes)
- HYACINTHUS:
Ditylenchus dipsaci (Nematoda)
Sclerotinia bulborum (Ascomycetes)
- IPOMOEA:
Diaporthe batatas (Ascomycetes)
- JUNIPERUS:
Lophodermium juniperinum (Ascomycetes)
- LACTUCA:
Rctylenchus robustus (Nematoda)
Septoria lactucae (Deuteromycetes)
- LYCOPERSICON:
Racterium punctilans (Schizomycetes)
Helminthosporium curculum (Deuteromycetes)
Lethum australiense typicum (Virus)
Monilia sitophila (Deuteromycetes)
- MALUS:
Hormodendron olivaceum (Deuteromycetes)
Phoma mali (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
- MASDEVALLIA—See Orchidaceae
- MEDICAGO:
Ascochyta imperfecta (Deuteromycetes)
Peronospora trifoliorum (Phycomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus medicaginis (Promycetes)
- MILTONIA—See Orchidaceae
- MUSA PARADISIACA:
Cercospora musae (Deuteromycetes)
Helminthosporium torulosum (Deuteromycetes)
Stachyidium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachyidium theobromae (Deuteromycetes)
- NARCISSUS:
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Phyllosticta narcissi (Deuteromycetes)
- ODONTOGLOSSUM—See Orchidaceae
- ONCIDIUM—See Orchidaceae
- ORNITHOGALUM:
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:
Tilletia horrida (Promycetes)
- ORCHIDACEAE:
Cercospora anagrei (Deuteromycetes)
Cladosporium orchidearum (Deuteromycetes)
Colletotrichum miltoniae (Deuteromycetes)
Colletotrichum stanhopeae (Deuteromycetes)
Cylindrocyladium scoparium (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henriquesiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Gloeosporium stanhopeae (Deuteromycetes)
Macrophoma encidii (Deuteromycetes)
Phyllosticta stanhopeae (Deuteromycetes)
Physalospora caemptospora (Ascomycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Stachyidium bicolor (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Vermicularia gayana (Deuteromycetes)
Verticilliodochium tubercularioides (Deuteromycetes)
- PALM:
Erosporium palmarum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)

Hosts and diseases—Continued

PANICUM:

- Cerebella andropogonis* (Deuteromycetes)
Fusarium heterosporum (Deuteromycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)
Clariceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Tilletia rugispora (Promycetes)

PASTINACA:

- Aphelenchoides limberi* (Nematoda)
Phoma nebulosa (Deuteromycetes)

PELARGONIUM:

- Gloeosporium pelargonii* (Deuteromycetes)

PERSEA:

- Asterina delitescens* (Ascomycetes)
Botryosphaeria ribis (Ascomycetes)
Phyllachora gratissima (Ascomycetes)

PINUS:

- Cronartium conigenum* (Promycetes)

PISUM:

- Peronospora pisi* (Phycomycetes)

POPULUS:

- Marsonia brunnea* (Deuteromycetes)
Melampsora medusae (Promycetes)
Septoria musiva (Deuteromycetes)

PUERARIA:

- Tritirachium dependens* (Deuteromycetes)

QUERCUS:

- Diplodia suberina* (Deuteromycetes)
Hypoderma ilicinum (Ascomycetes)

RHODODENDRON:

- Cercospora rhododendri* (Deuteromycetes)
Chrysomyza rhododendri (Promycetes)
Coryneum rhododendri (Deuteromycetes)
Discosia artocreas (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)

RHODODENDRON—Continued.

- Phyllosticta maxima* (Deuteromycetes)
Venturia rhododendri (Ascomycetes)

RICINUS:

- Cercospora ricinella* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)

SALVIA:

- Puccinia nevadensis* (Promycetes)

SOBRALIA—See Orchidaceae

SOLANUM TUBEROSUM:

- Diplosca pter coronata* (Nematoda)

SORGHUM VULGARE CAFFRORUM:

- Phoma insidiosa* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Sphacelotheca cruenta* (Promycetes)
Sphacelotheca sorghicola (Promycetes)

SPINACIA:

- Puccinia aristidae* (Promycetes)

STANHOPEA—See Orchidaceae

TAGETES:

- Puccinia tagetica* (Promycetes)

TRITICUM:

- Tilletia foetens* (Promycetes)
Tilletia tritici (Promycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)
Cytospora ambiens (Deuteromycetes)
Pestolozia monocharta (Deuteromycetes)

VANDA—See Orchidaceae

VIOLA:

- Alternaria tenuis* (Deuteromycetes)

WATSONIA:

- Penicillium gleidioli* (Deuteromycetes)

ZANTEDESCHIA:

- Cercospora richardiaeicola* (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Cercospora musae*

ARGENTINA:

- Diploscapter coronata*
Elsinoe australis
Ezoporum palmivorum
Pseudopeziza medicaginis
Septoria citri
Sphacelotheca sorghicola
Uromyces strinus medicaginis

AUSTRALIA:

- Cerebella andropogonis*
Fusarium heterosporum
Phoma citricarpa
Phoma insidiosa
Phoma nebulosa
Physalospora obtusa

BERMUDA:

- Gloeosporium pelargonii*
Phyllosticta narcissi

BRAZIL:

- Alternaria fasciculata*
Diaporthe batatidis
Elsinoe australis
Septoria dianthi
Uredo behnickiana

CANADA:

- Botrytis narcissicola*
Cercospora rhododendri
Coryneum rhododendri
Helminthosporium avenae
Phyllosticta maxima
Venturia rhododendri

CANAL ZONE:

- Diplodia henriquesiana*

CEYLON:

- Bacterium citri*

CHILE:

- Alternaria brassicae microspora*
Botrytis squamosa
Diaporthe batatidis
Hormodendron olivaceum
Melampsora medusae

CHINA:

- Tritirachium dependens*

COLOMBIA:

- Cylindrocladium scoparium*
Dematium pullulans
Didymium difforme
Diplodia paraphysaria
Physalospora orchidearum

COSTA RICA:

- Cercospora musae*
Clariceps paspali
Colletotrichum miltoniae
Gloeosporium oncidii
Gloeosporium stanhopeae
Hypoderma ilicinum
Uredo behnickiana
Uredo guanae
Vermicularia geayana
Verticilliodochium tubercularioides

CUBA:

- Cercospora musae*
Clariceps paspali
Helminthosporium curvulum
Helminthosporium torulosum
Hormodendron cladosporioides
Stachylium theobromae
Uredo epidendri

DOMINICAN REPUBLIC

- Cercospora musae*
Meliola citricola
Stachylium theobromae

ECUADOR:

- Stachylium theobromae*

ENGLAND

- Alternaria tenuis*
Aphelenchoides limberi
Botrytis narcissicola
Ceratostomella ulmi
Cercospora angreci
Chrysomyza rhododendri
Cladosporium orchidearum
Colletotrichum miltoniae
Cytospora ambiens
Discosia artocreas
Ditylenchus dipsaci
Gloeosporium rhododendri
Leptothyrium acerinum

Country of origin and diseases—Continued

ENGLAND—Continued.

Pestalozzia monochaeta
Phaeobulgaria inquinans
Physalospora cattleyae
Sclerotinia bullorum
Sclerotinia gladioli
Sporonema camelliae
Stachylidium bicolor
Tubercularia vulgaris
Urocystis cothici

GUATEMALA:

Cercospora musae
Cercospora richardiaeicola
Macrophoma oncidii
Polyporus pinsitus
Stachylidium theobromae
Uredo behnickiana

HAITI:

Cercospora musae
Phoma insidiosa
Stachylidium theobromae

HAWAII:

Gloeosporium aleuriticum

HONDURAS:

Cercospora musae
Stachylidium theobromae

HUNGARY:

Lophodermium juniperinum

INDIA:

Fusarium heterosporum
Tilletia horrida

IRAN:

Tilletia foetens

IRELAND:

Botrytis narcissicola

JAMAICA:

Cercospora musae
Meliola citricola

JAPAN:

Erobasidium vaccinii
Heterosporium ornithogali

JAVA:

Bacterium citri

MEXICO:

Albugo bliti
Asterina delitescens
Bacterium lachrymans
Bacterium punctilans
Botryosphaeria ribis
Cercospora althaeina
Cercospora angreci
Cercospora celosiae
Cercospora musae
Cercospora richardiaeicola
Cercospora ricinella
Claviceps paspali
Coleosporium dahliae
Colletotrichum stanhopeae
Cronartium conigenum
Diplodia gossypina
Fusarium heterosporum
Fusarium niveum
Lethum australiense typicum
Marsonia brunnea
Melampsora medusae
Monilia sitophila
Oidium euonymi-japonici
Peronospora pisi
Peronospora trifoliorum
Phoma mali
Phyllachora gratissima
Phyllosticta cucurbitacearum (?)
Phyllosticta digitalis
Physalospora camptospora

MEXICO—Continued.

Puccinia aristidae
Puccinia asparagi
*Puccinia helianthi*¹
Puccinia heterospora
Puccinia tageticola
Septoria lactucae
Septoria musiva
Sphacelotheca cruenta
Tilletia rugispora
Tilletia tritici
Tubercularia vulgaris
Uromyces striatus medicaginis
Vermicularia gayana

NEW ZEALAND:

Ascochyta imperfecta

PANAMA:

Cercospora musae
Chlamydomyces palmarum
Cordana musae

PERU:

Phyllosticta erythrozylis
Phyllosticta stanhopeae
Uredo erythrozylonis
Uromyces striatus medicaginis

PHILIPPINES:

Bacterium citri

PORTUGAL:

Diplodia suberina
Fusicladium eriobotryae
Peronospora pisi
Puccinia nevadensis
Septoria anthrisci

PUERTO RICO:

Cercospora musae
Colletotrichum canja

RHODESIA:

Cerebella andropogonis
Fusarium heterosporum

SALVADOR:

Uredo guacae.

SPAIN:

Oidium euonymi-japonici
Puccinia nevadensis

STRAITS SETTLEMENTS:

Balanisia sclerotica
Melanconium hysteriopsis
Pleospora andropogonis

TANGANYIKA:

Pestalozzia palmarum

THAILAND:

Diplodia paraphysaria

TRANSVAAL:

Phoma citricarpa

TRINIDAD:

Rotylenchus robustus

UNION OF SOUTH AFRICA:

Alternaria citri
Claviceps paspali
Fusarium heterosporum
Heterosporium ornithogali
Penicillium gladioli
Phoma citricarpa
Physalospora obtusa
Puccinia ornithogali-thyrsoides
Sorosporium consanguineum

UNKNOWN:

Bacterium citri

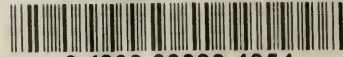
URUGUAY:

Ustilago rabenhorstiana

VENEZUELA:

Cercospora musae
Dematium pullulans
Diplodia paraphysaria

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